

1081	HWMCK4 5	875552	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 628 of SEQ ID NO:1081, b is an integer of 15 to 642, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1081, and where b is greater than or equal to a + 14.	AR052274, Y09669, A43192, A43190, AR038669, AR066490, AR066487, A30438, I18367, X64588, I14842, AR054175, D50010, Y17187, AR008277, AR008281, A63261, X68127, AR008408, AB012117, AR062872, A70867, AR016691, AR016690, U46128, D13509, A64136, A68321, I79511, AR060133, A85396, D88507, AR066482, A44171, A85477, I19525, A86792, I32384, X93549, U79457, AF123263, AR032065, AR008382 W44982, AC003042
1082	HKAFL60	875553	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 556 of SEQ ID NO:1082, b is an integer of 15 to 570, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1082, and where b is greater than or equal to a + 14.	AI871640, AI809329, AW293495, AI631630, AA731792, AA809789, H97646, AA564836, AI913067, AL117328
1083	HUSXP66	875554	Preferably excluded from the present invention are one or more polynucleotides comprising a	AI800576, AI376958, AI087840, AW069881, AI038673, AW339528, AW440579, AI057432, AI800751, AW371940, AA580863, R06900, AA026058,

1084	HTLEY14	875556	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 661 of SEQ ID NO:1083, b is an integer of 15 to 675, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1083, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 614 of SEQ ID NO:1084, b is an integer of 15 to 628, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1084, and where b is greater than or equal to a + 14.</p>	AA252326	<p>AI631620, AL038838, AL038983, AL038822, AL037436, AI142134, AL040617, AL044186, AL041238, AL047012, AL044037, AL038532, AL047170, AL040463, AL037727, AL040576, AL045753, AL041752, AL045684, AL040625, AL047219, AL044162, AL041602, AL043492, AL040839, AL043677, AL040193, AL043467, AL040510, AL040621, AL043538, AL047183, AL043496, AL040464, AL046442, AL041635, AL045817, AL041133, AL041324, AL040322, AL041098, AL044074, AL040119, AL041955, AL040294, AL043923, AL043814, AL041096, AL043845, AL045920, AL041163, AL047057, AL037435, AL044064, AL040149, AL041459, AL041730, AL041523, AL041159, AL041577, AL040472, AL038761, AL043627, AL040052, AL037295, AL041374, AL041292, AL041358, AL046850, AL040444, AL041296, AL040768, AL040332, AL043848, AL041142, AL042135, AL043570, AL041346, AL046994, AL041086, AL046914, AL040529, AL040370, AL040745, AL046330, AL041197, AL039316, AL046392, AL040128, AL044272, AL134524, AL045671, AL047036, AL041233, AL040342, AL037343, AL037335, AL044258, AL040148, AL040553, AL040458, AL044187, AL044199, AL037323, AL044125, AL049018, AL040285, AL045990,</p>
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A93963, A93964, AR062872, I63120, AR017907,
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I84553, A23633, AR007512, AF082186, A81878,
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AR067731, AR037157, AR054109, AR067732, A58522,
AR038855, AR043601, A11245, A91750, I44681,
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A92133, E14304, A07700, A13392, A13393, I62368,
AR031488, I13521, I52048, A27396, A91965,
E16678, AR027100, I49890, I44531, I28266,
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E16636, A95117, A93016, A24783, A24782, A58524,
I05558, A58523, I01995, I25027, I26929, I44515,
I26928, I26930, I26927, I08051, I60241, I60242,
AR038762, A20699, E00696, E00697, AR009151,
I66485, I66487, E03813, I66482, I66483, I66484,
I66498, I66497, I66496, AR038066, AR027099,
I66486, AJ230935, AR051652, AR051651, AJ244007,
AJ230902, AR008429, A22738, I08389, X07299,
D13316, AJ230972, AB025273, U94592, D50010,
AJ230951, AR051957, AJ231009, Y09813, AJ238010,
E12584, X81969, I19525, AR066494, Z32836,
AR035975, AR035977, I18302, D13509, A70872,
AJ231028, E17098, I66495, I66494, A22734,
AR022273, AJ230867, AR035974, AR035976,
AR035978, A70869, AL137394, AB014583, AL080126,
AJ230845, I36244, AR051864, D17247, AR051865,
A93923, A06631, S60422, AJ231011, A93916,
Y14219, AR063812, A24548, A24546, I05845,

1085	HOFMV44	875558	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1342 of SEQ ID NO:1085, b is an integer of 15 to 1356, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1085, and where b is greater than or equal to a + 14.</p>	<p>A93931, A16035, AJ230996, I03669, I03668, I33632, AR009152, A68112, A68104, I15353, A85203, I66481, A83642, A83643, I66488, E03654, I66489, I66490, I66491, I66492, I66493, AR054723, A05993, A05975, A05973, A05991, A05995, A83151, AR023813, AL133053, AL122101</p> <p>AA459463, AI219490, AA705318, AA459242, AA574007, N44974, N33185, AI246251, AW270960, W96335, AI247249, AW118922</p>
1086	HSLIN60	875559	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 689 of SEQ ID NO:1086, b is an integer of 15 to 703, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1086, and where b is greater than or equal to a + 14.</p>	<p>AA043203, AA633788, AA779964, AA077596, AA993172, AA721605, AA993810, N58116, W02490, AA250756, AA410936, AA812535, AW105026, AA978273, AA912417, AI015512, AA323882, N74558, AC002542</p>
1087	HCQAG54	875560	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 465 of</p>	<p>T59843, AA664394, AA224827, T59708</p>

			SEQ ID NO:1087, b is an integer of 15 to 479, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1087, and where b is greater than or equal to a + 14.	
1088	HMMMD6 0	875563	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:1088, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1088, and where b is greater than or equal to a + 14.	AI926573, AI733887, AI732593, AA132660, AA132832, AC006449
1089	HWLMB59	875564	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1060 of SEQ ID NO:1089, b is an integer of 15 to 1074, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1089, and where b is greater than or equal to a + 14.	AA418204, AI133717, AA007464, AA279666, AA281169, N78164, AC006059, AF184110
1090	HUFAU68	875565	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1149 of	TI2323, H54278, AA032022, Z19186, R92145, TI9706, AA344428, AA031911, AW302758, AW187983, AB033011

1091	H2LAX58	875567	<p>SEQ ID NO:1090, b is an integer of 15 to 1163, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1090, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 757 of SEQ ID NO:1091, b is an integer of 15 to 771, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1091, and where b is greater than or equal to a + 14.</p>	AA315557, AI632010, AI816905, R10787, D80166, D80212, D80022, C14389, C14331, D59619, D80210, D80240, D80219, D59502, D58283, D81030, D59859, D80043, D80195, D80391, D80164, D59787, D51423, D51799, D59275, D80253, D80227, D80193, C15076, D80196, D80045, D80188, D59467, D59927, C14429, D57483, D80269, D80366, D80038, D50979, D59889, R10697, D50995, AA305409, D59610, D80378, D80024, D80241, T03269, AW178893, D51060, C75259, C14014, AW178775, D51022, D80268, D81026, AW179328, D80134, AW177440, AW378532, D51250, D80522, AA305578, D80168, AW352158, D80949, F13647, AW369651, D59695, D80064, D80251, D80248, Z21582, D58253, AW178762, C14298, AA514188, AW177501, AW177511, C14227, D80133, D81111, C14407, AI910186, AA514186, AW352117, AW360811, D80132, AW378540, AI905856, AW377671, C05695, AW176467, AW375405, AW360844, AW179012, AW366296, AW360817, D80439, AW375406, AW378534, AW352171, AW179332, AW377672, AW179023, AW178905, AW177505, AW377676, D80247, AW178754, AW179024, AW352170, AW360834, D59373, AA285331, D51097, D80302, AW360841, AW179020, AW178909, AW177456, AW178906, AW177731, AW178907, AW179019, AW179018, AW178971, AI557751, D80157, AW352174, AW179004, AW179329, AW178980, AW177733, AW378528, AW179007, AW178908, T11417, AW179220, AW177714, C14077, AW179017, AW179009, AW178914, AW378543, AW378525, D51103, D51759, AW367967, AW177722,
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1092	HCRQD82	875570	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 743 of</p>	<p>AW206804, AI337160, AI744024, H11326, AA886435, F10033, AA255487, AI499829, AW188608, AA508761</p>

1093	HCRPV05	875572	<p>SEQ ID NO:1092, b is an integer of 15 to 757, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1092, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 619 of SEQ ID NO:1093, b is an integer of 15 to 633, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1093, and where b is greater than or equal to a + 14.</p>	<p>AI955141, AI744943, R16287, R15781, AI440022</p>
1094	HHCEM62	875573	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 534 of SEQ ID NO:1094, b is an integer of 15 to 548, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1094, and where b is greater than or equal to a + 14.</p>	<p>AI732599, AA132796, AW205259, AA885330, AA769901, AI609831, AW087786, AI423901, AA313420, AI791778</p>
1095	HFOXW88	875574	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 846 of</p>	<p>AA146968, AA699958, AA700342, AI378339, AA146969, R07642, R07689, AC006344</p>

1096	HWLXT17	875578	<p>SEQ ID NO:1095, b is an integer of 15 to 860, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1095, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1740 of SEQ ID NO:1096, b is an integer of 15 to 1754, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1096, and where b is greater than or equal to a + 14.</p>	<p>AI279511, AI679970, AA968450, AW081381, AI371994, AW450638, AI679532, N90808, AA399120, AA448632, AA398186, AA807135, R61258, AA769230, Z33585, R61259, AA746649, H10077, AA598764, R58928, AI700380, AL117693</p>
1097	HODAY72	875583	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 760 of SEQ ID NO:1097, b is an integer of 15 to 774, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1097, and where b is greater than or equal to a + 14.</p>	AA682526, AI702143, AC006352
1098	HCQBI56	875584	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 150 of</p>	D44721

1099	HTTCM45	875585	SEQ ID NO:1098, b is an integer of 15 to 164, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1098, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 562 of SEQ ID NO:1099, b is an integer of 15 to 576, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1099, and where b is greater than or equal to a + 14.	AL133757, M78501
1100	HARNM58	875587	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 815 of SEQ ID NO:1100, b is an integer of 15 to 829, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1100, and where b is greater than or equal to a + 14.	AI640555, AW341429, AA010805, AW450715, AI040419, AI167746, AI123802, AA677191, AA972603, AI342357, AI050710, AI636070, AI636093, AW104447, AA011210, AW103112, AA625985, AI050704, H95386, W31489, AW452276, R43183, R45091
1101	HMIAQ09	875588	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1006 of	AI433411, AA772279, AA931112, AI580387, AW182214, AW444853, AW236085, H84320, AA384441, AA309603, H84319, AA991549, AL133615

1102	HE9MD57	875589	SEQ ID NO:1101, b is an integer of 15 to 1020, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1101, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 579 of SEQ ID NO:1102, b is an integer of 15 to 593, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1102, and where b is greater than or equal to a + 14.	AA224205, AI750792, AI384092, AI827513, AI750808, AI081591, AA333825, R32422, R76408, AA682395, R06653
1103	HCQDA63	875590	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1415 of SEQ ID NO:1103, b is an integer of 15 to 1429, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1103, and where b is greater than or equal to a + 14.	AI522107, AI378319, AA234318, AI692527, W38548, AI290259, AI470641, R19919, AA234561, AA973961, F11345, F09005, R45139, AI470879, AW132159, AA482991, AA988920, AA146698, H59248, H28631, H28612, AA205262, N56056, N90091, AA095089, H68801, AI341225, AW001798, AA205188, AC004067, AC002091, AC003695
1104	HWLRO57	875594	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 713 of	H13920, R82788, Y15909

1105	HHEQO60	875596	<p>SEQ ID NO:1104, b is an integer of 15 to 727, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1104, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 591 of SEQ ID NO:1105, b is an integer of 15 to 605, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1105, and where b is greater than or equal to a + 14.</p>	<p>AI638800, AI701032, AI568329, AI225238, Z82200</p>
1106	HMUBG89	875597	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 791 of SEQ ID NO:1106, b is an integer of 15 to 805, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1106, and where b is greater than or equal to a + 14.</p>	<p>H98768, AI300431, AI076535, AI082879, AI689961, H03865, AI701454, AI458282, N33061, W07734, AI263212, R46614, T67479, AI991356, AI654356, N78714, AI696043, N23489</p>
1107	HDPRN70	875598	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 341 of</p>	

1108	HCRMC33	875600	<p>SEQ ID NO:1107, b is an integer of 15 to 355, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1107, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 433 of SEQ ID NO:1108, b is an integer of 15 to 447, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1108, and where b is greater than or equal to a + 14.</p>	
1109	HROBR56	875604	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 788 of SEQ ID NO:1109, b is an integer of 15 to 802, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1109, and where b is greater than or equal to a + 14.</p> <p>AI657019, AI623299, AA393186, AA398646, AI263831, AA364607</p>	
1110	HWLMU3 3	875605	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 444 of</p> <p>AA126535</p>	

1111	HCRQC94	875606	<p>SEQ ID NO:1110, b is an integer of 15 to 458, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1110, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 740 of SEQ ID NO:1111, b is an integer of 15 to 754, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1111, and where b is greater than or equal to a + 14.</p>	AA533280, AI133211, AW275798, Z28740, H79608, Z99396, AW392670, AL119457, AW372827, AL119497, AW384394, AL119484, AL119391, AL119319, AL119483, AW363220, AL119324, AL119443, U46350, AL119522, AL119355, AL119363, U46351, U46341, U46349, AL119341, AL036418, AL038837, AL119335, AL119418, AL119396, AL119496, U46347, AL037051, AL042965, AL036725, AA631969, U46346, AL119444, AL037205, AL119439, AL134538, AL036858, AL134531, AL119401, AL134532, AL134533, AL134536, AL042614, AL042542, AL036924, AL042975, AL043029, AL042984, AL119399, AL134920, U46345, AL042544, AL043019, AL038509, AL042551, AL037085, AL043011, AL042450, AL037094, AL043003, AL037526, AL036196, AL037639, AL036268, AL037082, AL036767, AL036190, AL037077, AL119464, AL036774, AL038520, AL036998, AL038851, AL038447, AL036733, AL037178, AL036238, AL036719, AL037615, AL037027, AL036765, AL036191, AL036679, D63477, AR066494, AR060234, A81671, AB026436, AR023813, AR064707, AR054110, AR069079
1112	HCRMQ55	875608	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 610 of SEQ ID NO:1112, b is an integer of 15 to 624, where both a and b</p>	N70420

1113	HSAZP81	875609	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1112, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 646 of SEQ ID NO:1113, b is an integer of 15 to 660, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1113, and where b is greater than or equal to a + 14.</p>	<p>AI863439, R11144, AI360315, AA203688, H24452, R11145, R01108, AW002361, Z41757, AW295865, AI961650, AI052438, AW131513, AW089844, AI688241, AW080746, AW163834, AI886884, AI076157, AI270183, AI918677, AI696603, AI499963, AI364167, AI470717, AW132056, AI524139, AA128660, AI872423, AI370623, AI927233, AW080700, AI281782, AA179186, AI582910, AW075382, AW004606, AI638644, AI522256, AW029489, AI439452, AI682798, AW188525, AI619820, AI621341, AA810605, AI554516, AA814343, AI868680, AW051088, AW084396, AA806720, AI590043, AI284084, AI926593, AI568293, W46513, AI698391, AW007580, AI866469, AI648699, AI561288, AW081515, AW129264, AW081349, AI628180, AW088560, AI909697, AI625226, AI559296, AI590227, AI932794, AW166583, T69241, AI633066, AI620864, AI561356, AI279677, AI633125, AI079226, AW087837, AI631273, AI538564, AI699175, AI915291, AW152182, AI434969, AI889862, AI696714, AW085734, AI434731, AI889189, AI678602, AI473536, AI338427, AI884318, AA745155, AI863319, AW081252, AI573164, AI520859, W74529, AI865906, AI912544, AI701097, AI571867, AI349482, AI439385, AW131282, AI499570, AI570056, AI699823, AI765103, AI918809, AI868931, AI333104, AW105296, AI553645, AI368943, AI934259, AI688300, AA836168, AW150750, AI888022, AI860027, AI270706, AI367680, AI630932, AI611738, A65341, AL137533, I89947, I33984, AF047716, A41579,</p>
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1114	HTJMO37	875610	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 503 of SEQ ID NO:1114, b is an integer of 15 to 517, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1114, and where b is greater than or equal to a + 14.</p>	<p>Z13966, U62966, AF199027, AR034821, L25851, AL050155, AR038854, AL122100, AL117587, AL137530, A77033, A77035, AL117460, Z97214, D44497, X95310, AL117636, A52184, X68560, S69381, X99971, AF116573, AF013214, AL080146, AF080068, Z82022, X59813, X66366, X66871, AL133665, AF183393, A58545, A23327, A76337, AL137271, E12806, AC006115, AL137711, AF185576, AF032666, A21103, AL133084, AL080159, AF059611, AL137478, AF106697, U73682, X52220, AL049557, AF167995, A86558, X61399, AF222801, AF061981, I32738, AF008439, AF118847, L10730, A76335</p> <p>AA252455, AI191596, AI216511, AI221932, AL044538, AL044537</p>
1115	HKCSA54	875611	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 872 of SEQ ID NO:1115, b is an integer of 15 to 886, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1115, and where b is greater than or equal to a + 14.</p>	<p>AA078787, AA664392, AA047305, AA078903, T82427, AA618308, AA047306, AC007688</p>

1116	HWLQA55	875612	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 301 of SEQ ID NO:1116, b is an integer of 15 to 315, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1116, and where b is greater than or equal to a + 14.</p>	<p>AI767589, AI732392, AW083534, AW007152, AW004781, AA053033</p>
1117	HWBDT63	875613	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 735 of SEQ ID NO:1117, b is an integer of 15 to 749, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1117, and where b is greater than or equal to a + 14.</p>	<p>AI273587, Z36969, AA132614, AA602080, AA629773</p>
1118	H2CBQ54	875625	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 702 of SEQ ID NO:1118, b is an integer of 15 to 716, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1118, and where b is greater than or equal to a + 14.</p>	<p>AA313350</p>

1119	HCQCX54	875628	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 348 of SEQ ID NO:1119, b is an integer of 15 to 362, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1119, and where b is greater than or equal to a + 14.</p>	
1120	HCQCG75	875629	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1234 of SEQ ID NO:1120, b is an integer of 15 to 1248, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1120, and where b is greater than or equal to a + 14.</p>	<p>AI131026, AA716622, AI057161, AA774194, AA156854, AA225603, AA716534, AA213506, AI742559, AI820099, AA643860, AA343612, AW294591, AA636011, AI440145, H21764, AA716363, AA362352, AA352145, R64559, AA076494, Z95114, Z82215, AF070675</p>
1121	HHEZN36	875630	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 709 of SEQ ID NO:1121, b is an integer of 15 to 723, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1121, and where b is greater than or equal to a + 14.</p>	<p>AA402496, AI435815, AA505991, AI359093, AW197200, AA234622, AA402558, AA258509, H17033, R14272</p>

1122	HPCIS18	875631	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 768 of SEQ ID NO:1122, b is an integer of 15 to 782, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1122, and where b is greater than or equal to a + 14.</p>	AA313376, AW296351, I68732
1123	HISAT54	875632	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 754 of SEQ ID NO:1123, b is an integer of 15 to 768, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1123, and where b is greater than or equal to a + 14.</p>	AI913155, AI672147, AI935812, AI742124, AI953577, AI378301, AI420915, N32927, AI985091, AI633160, AA724413, AA913627, AA025763, AI569838, AI867104, AA447105, AI267291, N42073, AI963746, AA707999, AI473202, AI379471, AI383622, AA025951, AI675725, AW149902, AI114877
1124	HLWAC54	875633	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 260 of SEQ ID NO:1124, b is an integer of 15 to 274, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1124, and where b is greater than or equal to a + 14.</p>	AF130356, AB026118

1125	HKMAB82	875634	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1121 of SEQ ID NO:1125, b is an integer of 15 to 1135, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1125, and where b is greater than or equal to a + 14.</p>	<p>N28667, AI659988, AI082031, AI693456, AI880139, AA581592, H73764, H16504, AI871552, AI002235, AA350218, H05516, AI268133, R46302, AI417378, AA418492, AI278150, AA418394, R46207, AI281736, AI027423, R15667, AA355971, H74147, AW195643, AI478495, R62421, R62495, AW453056, AA507440, W21975, AA364092, AC006312, AF055899</p>
1126	HPVAB96	875635	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 432 of SEQ ID NO:1126, b is an integer of 15 to 446, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1126, and where b is greater than or equal to a + 14.</p>	<p>AA219147, AI884470, AA464382, AC006475, AL009051</p>
1127	HBM SX53	875636	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 559 of SEQ ID NO:1127, b is an integer of 15 to 573, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1127, and where b is greater than or equal to a + 14.</p>	<p>AA810265, AA897140, AI656737, AA768557, AA767085, AI969070, AA847937, AC005018</p>

1128	HCFC358	875638	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2215 of SEQ ID NO:1128, b is an integer of 15 to 2229, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1128, and where b is greater than or equal to a + 14.</p>	AI373860, AI142548, AI160244, AI803364, AA732841, AI435516, AI095583, AI076620, AI167180, AI936640, AI339776, AA969232, AW137670, AI391504, W68702, AW207539, W79914, AA917467, AI459137, AI148710, AA287408, AI762559, AI040652, AW026057, AA522920, AA866005, AI016161, AA055361, AA625635, W23647, AA707093, AA913826, AI083994, AI015839, W69531, AI796928, AI890078, AI830098, AA937098, AA305157, AI581290, C01766, AI050874, AI199472, AI097584, H92773, AI074517, AI074538, AI151312, AW028614, AI674344, AA305656, AI990059, R62238, AI095293, AI052777, AA287357, AI085262, AI354825, AA282043, AI828501, AA989141, AI936558, AA917921, AW207658, AA581990, H66449, AI809556, H66448, AI087807, AA976485, AI089883, AI161211, AW102710, AI370809, AA282205, AA358542, AW054857, AA810757, F13499, AA876563, AA215693, AI084131, AI828164, W74293, F22539, AI870008, AI671095, AA476727, AA404240, AA831950, AA026585, AA370269, AI359885, AA631293, AW340672, AI121501, N31738, D19607, AA423998, W68795, AW301681, AA037423, AA744671, AI498589, AA705091, AI185927, AA425621, W24523, R83202, AW072175, AA886734, AI568422, AI128796, AI423010, W39033, N92339, N27093, AI906207, AI354764, AI829997, AI216318, AI292222, W24115, AI700186, AW166486, AI808019, AI417379, AI274365, AI192992, AA327411, AI801970, AI560400, AI334057, AW205138, AW135446, AI356227, AI418487, AI334250, AI301676, Z39418, AW206667, AA026695, AA449697, AA307877, W69448, AW136707, AI356196, AI858772, AI268621, AW054727, AW206873, AI077709, AW300595, AI394380, AI369492, AI300626, AI702163, AW137374, AI3666348, AW137612, AW104420,
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1129	HPMK129	875639	<p> Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by </p>

1130	HMWFZ60	875640	<p>the general formula of a-b, where a is any integer between 1 to 935 of SEQ ID NO:1129, b is an integer of 15 to 949, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1129, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1404 of SEQ ID NO:1130, b is an integer of 15 to 1418, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1130, and where b is greater than or equal to a + 14.</p>	<p>AI659575, AW384762, AF176699, AL022395, AF174590, AF199355</p> <p>AL135393, AI743624, AW007692, AI809103, AI693085, AW188260, AI628632, AA151384, AW170431, AI688464, AI884841, AA044177, AI435463, AI760308, AA641945, AI911252, AI808563, AA433872, AI597697, AA532734, W57862, AI187076, AI493091, AI624308, AA909039, AA856988, AA912119, AA099566, AA314491, AA603118, W60385, AI817675, AI804736, AI141817, AA635102, AA012931, AA831200, AA872405, AA099656, AW374351, AA317881, AW270235, AI128006, AA044362, AA971272, N53760, N73118, AI092800, AI125656, AA307420, AA299867, AI092789, AI087152, AI698768, AI075446, AI827489, AA909444, AI310357, W60294, AA557616, AI401792, H71979, AI201315, R91255, R53622, W57788, AA905502, AI080642, AI953627, AA040065, N49849, R51953, AI039773, R44774, AI354614, AI695145, W52685, AA641347, AA230242, AA311605, AA485131, N33951, AA001274, AA001885, AA130833, R91256, D31320, AA676280, AA947975, AA299866, AA888090, AA055655, AI028370, AA485132, AA076953, N71776, H67264, AW087608, R25747, R85994, N49662, AA382910, R40695, AI433728, AA402168, R13260, AA402822, AA502327, AA515875, AW004807, AA627525, AI826454, AA319306, AA082526, AA151383, AA074596, AA494303, R19108, AW235427, R26592, AA702744, AA130948, AI419583, AI538143, AA230299, AI656420, AA588457, N67517,</p>
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1131	HUCPH16	875641	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1648 of SEQ ID NO:1131, b is an integer of 15 to 1662, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1131, and where b is greater than or equal to a + 14.</p>	<p>AI262101, AI538153, AA078050, AC005074, AF084479, AF072810, AB032253</p> <p>AI694079, AI469419, AA521321, AA621120, AI873548, AW162015, N24406, AI745250, AI816009, AI034067, AA861921, AA994985, R91349, AA732547, H99156, AA429548, R91302, AI809579, AA921820, AI471875, AA910181, AL042168, AA741400, AF071771, U09850, AF011758</p>
1132	HCUDA52	875642	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 373 of SEQ ID NO:1132, b is an integer of 15 to 387, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1132, and where b is greater than or equal to a + 14.</p>	<p>AA834872, F30466, F36527, F01431, AA564994, AW394057, AF001548, AC005340, AC005934</p>
1133	HTWCN56	875646	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 68 of SEQ ID NO:1133, b is an integer of 15 to 82, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AL042551</p>

1134	HWLUF58	875650	<p>NO:1133, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 792 of SEQ ID NO:1134, b is an integer of 15 to 806, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1134, and where b is greater than or equal to a + 14.</p>	<p>AI148558, AI991236, AI346818, AA528254, AA573948, AA582937, AA148254, AW009953, AA278825, AI262374, AA148255, AW337649, AW292443, AI879821, AA568456, AA769741, AA441911, AA928164, AI277160, AI368975, AA442018, H16108, AI024901, W17108, AI910530, AI675866, AA278827, T25032, AA282250, AB023416</p>
1135	HWLMI53	875651	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 625 of SEQ ID NO:1135, b is an integer of 15 to 639, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1135, and where b is greater than or equal to a + 14.</p>	<p>AI148558, AI991236, AI346818, AA528254, AA573948, AA582937, AA148254, AW009953, AA278825, AI262374, AA148255, AW337649, AW292443, AA769741, AI879821, AA568456, AA441911, AI277160, AI368975, AA928164, AI024901, AI910530, AI675866, W17108, T25032, AA442018, AA282250, H16108, AB023416</p>
1136	HWLMB54	875653	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:1136, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI656739, AW194261, AI191572, AI686332, AW241658, AI081504, AA287936, AW439964, AI147409, AI073550, AI627477, AA570523, AI149073, N23389, AW148760, AI952927, AI039002, AW170120, AI953877, AI478397, AI203256, AA057114, AI077376, AL043541, AI631759, AI302584, R46593, AA776807, AI471297, H08065, AI825574, AI000483, AI474396, AA993288, R60870, R49614, D63065, AI188876, AI471175, AI565375, R42276, AW130341, AI381205, AA025481, D60482,</p>

1137	HOEEY53	875654	<p>NO:1136, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 659 of SEQ ID NO:1137, b is an integer of 15 to 673, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1137, and where b is greater than or equal to a + 14.</p>	<p>AI381203, AW135516, AW139222, AI864636, AI783564, AI439711, AI969032, AA828409, AI914914, AI302951, D62081, R38686, AI351832, F10577, AA215377, R77944, R42277, AA170804, H24643, N71896, AA025591, H25840, H02001, N26541, R78406, C02270, AI298146, D79240, AA057854, AA288000</p> <p>AL119748, AL040243, AL041862, AL045500, AW087445, AW071349, AL042745, AI433976, AI433157, AI702406, AI275175, AL042628, AI564719, AI521012, AL079977, AL049085, AI580190, AI500659, AW301409, AI620284, AA640779, AI539771, AI500077, AI538716, AL047763, AL045266, AL040169, AL042627, AL121270, AL119049, AW082113, AI469532, AI537677, AI818683, AI340582, AL121328, AL040097, AI436456, AL119791, AL036146, AI815855, AW074993, AW238730, AL121365, AI064830, AI349772, AI349256, AL036396, AI863014, AW117882, AA572758, AI207510, AI499463, AW103371, AI349645, AL042744, AL036361, AL038605, AL036403, AW071417, AI866457, AI349004, AL036802, AL045620, AI536685, AI500523, AL039276, AI919345, AW169671, AI497733, AI269862, AI567351, AL046926, AI284517, AA613907, AW268253, AI537515, AL036274, AI349598, AL045163, AL121463, AI340603, AW089572, AI687728, AI281779, AI440239, AI281773, AW302988, AI312428, AI783504, AI868831, AI524671, AI866608, AI590120, AI619502, AI802542, AW169653, AW026882, AL048656, AI475371, AI498579, AL119828, AI312152, AI345735, AI432656, AL079963, AI499393, AI349933, AI349937, AI364788, AI491776, AI824557, AI934036, AW162071, AI612913, AI801325,</p>
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	AW148716, AI500706, AL048871, AI445237, AI348897, AW151138, AI440426, AI500662, AI687127, AI284509, AI499512, AI633493, AL135661, AL036980, AI857296, AI702433, AI521560, AW303152, AA508692, AI866573, AI434256, AI475817, AI815232, AI284513, AW148320, AI631107, AI800453, AI800433, AI888118, AI560012, AI285735, AI625079, AI635461, AI679724, AI920968, AL042551, F37439, AI690835, AI572787, AW075351, AW068845, AI648684, AW403717, AI687362, AW268220, AI610362, AI282655, AI872711, AW150578, AL047041, AI873731, AI499920, AI349614, AA427700, AA470491, AI432666, AI697137, AI929108, AL042787, AI636456, AI343112, AI608667, AW002342, AI475451, AI682841, AI224992, AI866780, AI799199, AI273142, AI282281, AI250293, AI269696, AI869367, AW104724, AI888661, AL042538, AI610307, AI340519, AL047042, AW074869, AI633419, AI866002, AW083804, AI922901, AI439087, AL120736, AI687415, AI610645, AW302965, AI590128, AW274192, AI491852, AI862144, AI285826, AI433037, AW161579, AI539153, AL043981, AW151485, AI554245, AI537244, AI274541, AI307708, AI446606, AA804740, AL120853, AI754897, AA225339, AL036631, AI445432, AL036759, AI254251, AI366549, AI309401, AI610429, AI889189, AW301300, F37471, AL120854, AI671679, AI568870, AI637584, AI758437, AI445025, AL038779, AW075413, AW020693, AI445165, AI580984, AI906328, AI554427, AI597918, AW082040, AL046849, AF090901, I48979, AF090903, AL050108, AF090934, U91329, AF113690, AF118064, I89947, AL117457, AF090943, AF113013, AL133640, AL137459,

	AL1133016, AF078844, AF090900, AJ242859, AL117460, S78214, U42766, AL050393, AL049452, AL050116, AL133557, AL050146, I89931, A08916, AL110196, AL122050, Y11587, S68736, AF017152, AL080060, AL133080, AF113699, AF104032, Y16645, Y11254, AF113691, AL110221, AF113694, A08913, AL049938, AL050149, I48978, L31396, L31397, AR011880, AL049466, AL137527, AL133606, AF118070, AF125949, AF106862, A93016, I33392, AL133075, AL133113, AF113677, AF097996, AL137557, AF079765, AR059958, AL050277, AL133093, AL096744, AF090896, AF113019, AL122049, AL117583, AB019565, AL122093, AL117435, AF113689, A08910, I49625, AL049464, AL049382, AL049314, X84990, E07361, E07108, AL049300, AF113676, AL080137, AF111851, AL137550, AJ000937, AL117585, AL122121, AF158248, AL133560, AL080124, AL122123, A65341, X63574, E03348, X70685, A08909, AL117394, AF017437, AF177401, AL133565, U00763, AL049430, AF125948, AF146568, AF091084, AL137463, A03736, U72620, AL137283, AL122098, AJ238278, AL110225, AL122110, X82434, A58524, A58523, AF118094, AL137538, AL050138, X72889, I09360, AL050024, A77033, A77035, E02349, AL137648, X65873, X96540, I03321, Z82022, AF183393, AL2297, AL137271, AL080127, U80742, X93495, U35846, AL133072, AL137521, AF087943, AL049283, U67958, AL080159, X98834, A08912, AL110197, AL133077, AF061943, E08263, E08264, E15569, I42402, S61953, AF067728, AL133014, AJ012755, AL133568, I26207, AL137560, U78525, A93350, AF119337, AF111112, AR000496, U39656, AF081197, AR038969, AC006371, AL050172, AR054984, AF026816, AL137556, AL137523, I17767, AF026124, Y14314, AL137526, AF153205, AF008439, AL133104,

1138	HUCQC25	875658	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 544 of SEQ ID NO:1138, b is an integer of 15 to 558, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1138, and where b is greater than or equal to a + 14.</p>	<p>AL133098, U96683, AL137488, AF003737, AF185576, AL110280, AL133067, E05822, Z72491, AF079763, Y09972, AF081195, AF106827, A07647, M30514, AL122111, Z37987, E02221, AF057300, AF057299, AR013797, AF162270, U68233, I92592, A90832, E08631, A45787, AL117440, AL137476, AF000145, U68387, AR038854, U58996, I00734, X87582, L30117, E00617, E00717, E00778, Y07905, AC004200, AL080074, X83508, E04233, AJ006417, AF111849, U49908, AC007458, AL137533, AL133081, X92070, AF118090, AL117432, AL080158, AL137480, Y10655, AF095901, L19437, AF132676, AF061836, AF210052, AC002464, AL050092, AL137273, A08911, AA994842, AW081730, AA001654, AI420895, AL137442</p>
1139	HCRMS71	875661	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 775 of SEQ ID NO:1139, b is an integer of 15 to 789, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1139, and where b is greater</p>	<p>AI693010, AA715045, AI885216, AI207366, AI357907, AI784056, AA621429, AW293970, AW204373, R43334, AA523584, AA781484, N94933, AB007870, AF000899, AL035697</p>

1140	HWLMS13	875662	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 816 of SEQ ID NO:1140, b is an integer of 15 to 830, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1140, and where b is greater than or equal to $a + 14$.</p>	<p>W32981, N46181, N46187, AA173644, AA352233, AA384809, R31168, W93675, U68494</p>
1141	HE6GF82	875663	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1096 of SEQ ID NO:1141, b is an integer of 15 to 1110, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1141, and where b is greater than or equal to $a + 14$.</p>	<p>AW003091, AA033907, AW292095, AW003066, AA994829, AA477259, AI203380, AW051389, AA481953, AW297105, AI168181, AI311568, AA402560, AI983314, AA402729, T32956, T15739, AI283188, AI206971, AI216276, AI285095, AA722476, R16257, F10673, AI888416, AA477907, AI424752, AW002217, AA082650, N83203, AA034007, AA701213, T47308, AI669678, F04444, AI868114, T47307, F01597, F01744, Z19661, AA041439, AW169604, AA455772, AW105601, AI587143, AI589267, AI340519, AI554821, AI682725, AI612885, AI784252, AI590423, AI288285, AI889168, AI345005, AI340511, AI799195, AI862144, AW059713, AI866465, AI310575, AI623746, AI887247, AI950664, AI340533, AI866770, AI273094, AA420722, N72726, AI890806, AL036664, AW075207, AI955906, AI343091, AI624056, AL036980, AI312428, AW268072, AI345735, AI811785, AI826225, AI431424, AL036631, AI307210, AW089471, AI500659, AI440263, AI313320, AW054931, AI340627, AW193134, AI379711, AI310504, AI312146, AI312339, AI345258, AI628296, AI349645,</p>

AI470293, AW071349, AI916419, AW196299,
AI311604, AI811353, AW151138, AI624953,
AI890907, AI868204, AA012905, AL038605,
AI634224, AW090726, AI306705, AI349957,
AI817237, AI283941, AI798373, AI478639,
AW022682, AI280747, AI862142, AI247193,
AI538850, AI680113, AW071380, AI934036,
AI963668, AI349028, AW191916, AI567971,
AW170700, AL121496, AW193000, AI312152,
AI345347, AI758437, AW075084, AI309443,
AW196037, AW163834, AW118508, AI159837,
AI348914, AI567612, AI349937, AW020693,
AI354283, AL048644, AI689702, AI307543,
AI334884, AI348897, AW151786, AI349598,
AI307708, AI312325, AI270707, AI340659,
AA761557, AW269097, AI310940, AW151136,
AI445115, AI963224, AI313352, AI539771,
AW072588, AI334930, AI307736, AW080279,
AI471282, AI307520, AI917123, AI340603,
AI889147, AI433384, AI499986, AI349186,
AI537677, AW089572, AI445237, AI494201,
AW083804, AI608667, AW191844, N71180, AA508692,
AI345739, AW088037, AI312143, AI690748,
AI440426, AI612750, AL119836, AI654601,
AW059828, AI434256, AW131428, AI336495, N75771,
AW301300, AI815232, AI801325, AA493647,
AI500523, AI310582, AI915291, AI274541,
AI623682, AI349955, AI582932, AI284517,
AI923989, AW075093, AI564736, AI500706,
AI491776, AW268067, AI521560, AI889189,
AI500662, AI284509, AW172723, AA641818,
AI433037, AI349246, AI623796, AW081449,
AI866573, AA579232, AI343037, AI633493,
AW161579, AA635382, AI349256, AI270055,
AI567582, AI805769, W33163, AI251221, AI888661,
AL036705, AW268253, AL046463, AW191003,

AI284513, AI362637, AI573026, AI888118,
AL039086, AC006276, A74801, AL049314, A08916,
AC004943, A08910, A08909, AF090943, I89947,
AL049423, AF039138, AF039137, AF097996, E02349,
AL049452, AF124728, U42766, I48978, A08908,
AL133098, A08913, AL050146, I89931, Y11254,
AR038854, I49625, AL122049, A07647, U80742,
AJ012755, Y10080, AF079763, AL122110, AF091084,
AL122050, AF118090, AJ242859, AL050108, X96540,
AF026816, AL049464, AL110280, AF017437,
AL117460, I66342, AL137463, AL137271, AL117394,
AF111851, AR068753, M30514, X72889, A58524,
A58523, AF119337, X70685, I03321, AF090900,
U68387, A08912, AL110225, U91329, AF057300,
AF057299, A93016, U00763, AF113694, AF118094,
AL110196, AF106827, U58996, AF153205, A93350,
AF061943, AR020905, AF113677, AJ000937, Y10936,
AL133081, AL137459, AF111849, AL133557, E07108,
AL050149, AL117435, U35846, A65340, AL049430,
Y09972, L31396, A90832, L31397, AL080124,
L13297, A65341, AL049466, AL117649, AL110221,
AF113676, Y08616, AL050138, X83508, I00734,
AF003737, AL137556, AL137526, AL049938,
AL133080, I33392, AL133640, AL117583, AL117585,
AF017152, X59414, E00617, E00717, E00778,
AL133077, X86693, U78525, AL133113, AL133072,
AL137480, AL122123, S78214, E07361, A18777,
AR013797, AF113019, AL137283, AF175903,
AL049283, AF069506, Z82022, AJ238278, Z37987,
AL117457, AF177401, AL122093, AL137550, X93495,
AL133606, AL137521, X98834, AF081195, AF113013,
AL035458, AF078844, AF113690, AF126247, E05822,
AL137560, Z72491, AF000301, AL137529, E08631,
AF125948, AL049347, AF146568, A12297, AF061573,
AR011880, I09360, AF067728, Y11587, I26207,
AL122118, AF113691, AB019565, AL133104,

1142	HSPBC14	875665	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 392 of SEQ ID NO:1142, b is an integer of 15 to 406, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1142, and where b is greater than or equal to a + 14.</p>	<p>AL133067, AL050277, AL049300, AF118064, AL137557, AF118070, AF113699, AL137648, AL080158, AF125949, AL133568, AF090896, Y07905, X63574, I08319, AC009501, U72620, I89934, X82434, L10353, E04233, A77033, A77035, AL080159, AF087943, AR000496, U39656, I48979, AF183393, AF026124, AF090903, Y14314, AL133016, AL096744, AJ003118, AF158248, AL133014, AL133665, AL137476, AL133560, S61953, AL080086, AL137538, M86826, X84990, AL133075, AL050116, I09499, AL117440, AF185576, AL050092, AF079765, A03736, AJ006417, AL137292, AF106862, AC002467, I41145, AF162270, A08907, AF100931, AL137478, X62580, AF051325, AR038969, AF047443, AF061795, AF151685, A45787, AL137656, AF081571, T66716 AW439287</p>
1143	HOCNE41	875669	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 407 of SEQ ID NO:1143, b is an integer of 15 to 421, where both a and b correspond to the positions of</p>	<p>AW206400</p>

1144	HCQBE51	875672	nucleotide residues shown in SEQ ID NO:1143, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 252 of SEQ ID NO:1144, b is an integer of 15 to 266, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1144, and where b is greater than or equal to a + 14.	AL134350
1145	HWLWX4 0	875673	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 711 of SEQ ID NO:1145, b is an integer of 15 to 725, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1145, and where b is greater than or equal to a + 14.	AW248502, AA868598
1146	HCRMB51	875677	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 421 of SEQ ID NO:1146, b is an integer of 15 to 435, where both a and b correspond to the positions of	AA251591

1147	HGBBH61	875678	<p>nucleotide residues shown in SEQ ID NO:1146, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 519 of SEQ ID NO:1147, b is an integer of 15 to 533, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1147, and where b is greater than or equal to a + 14.</p>	<p>AA664156, AA767729, AA402095, AI700767, AA401940, AI935241, AW269601, AA345071, AW363622, AW074281, AI888088, AA054585, AW371974, AW362940</p>
1148	HCRNZ51	875680	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 382 of SEQ ID NO:1148, b is an integer of 15 to 396, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1148, and where b is greater than or equal to a + 14.</p>	<p>W24854, AA279745, H29979, AI370512, AI149061, AA401945, AW270474, AC002094, AL021393, AL133163, AC004601, AC006449, AC005684, AL139054, AL109798, AL121655, AL031591, AB023051, AC005249, AL033527, AL035587, AC004966, AC004491, AC002538, AP000512, Z83826, U95739, AC004675, AL031597, Z95152, AF088219, AC010582, AC007057, AL049872, AC000026, AL021939, AC007738, AC002059, AC006538, AC005792, AC009263, AL020995, AC002350, AC006166, AL008732, AL121587, AL079333, AC003071, AC006540, AP000694, AL031005, AC012384, AC002565, AC004263, AC005197, AP000697, Z83822, AL049776, AC006571, AL031056, AC007637, AC004106, AL021578, AC003101, Z84466, AC005952, Z93242, AC006160, AL024508, AP000152, AC007676, AC002365, AL049745, AC005207, AP000008, AC004895, AC005844, AC002119, Z95113, AC004253, AC004685, AF196972, AP000704, AF030453, AC005886, X94768, AL022336, AL049759, AL009181, AC005520, AC005088</p>

1149	H2CAA51	875681	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 526 of SEQ ID NO:1149, b is an integer of 15 to 540, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1149, and where b is greater than or equal to a + 14.</p>	AA306969	<p>AI088910, AW043896, AA005100, AA262517, AI470354, W78980, R89654, AA261819, AI079770, AA037517, AA328236, AI584124, H19672, AI247711, AI217267, AL121782, AB034617, AL121754</p>
1150	HT3AI55	875682	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1467 of SEQ ID NO:1150, b is an integer of 15 to 1481, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1150, and where b is greater than or equal to a + 14.</p>		<p>AI458851, AA142939, AA936413, AI741509, AI335942, AI002201, AA150633, AA446254, AW003610, AI091446, N62521, AI800649, AI880031, AA029154, AA776155, N31764, AA029051, N24835, AI610362, AI582932, AW075413, AI889189, AI433976, AA429993, AL045500, AI433157, AL042753, AI539771, AI923989, AI537677, AI500659, AI801325, AI500523, AI284517, AI500706, AI491776, AI445237, AW151138, AI521560, AI500662, AI284509, AI866573, AI633493, AI434256, AI888661, AI284513, AI888118, AI611738, AI251205, AI275175,</p>
1151	HLWBA37	875683	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1078 of SEQ ID NO:1151, b is an integer of 15 to 1092, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1151, and where b is greater than or equal to a + 14.</p>		<p>AI458851, AA142939, AA936413, AI741509, AI335942, AI002201, AA150633, AA446254, AW003610, AI091446, N62521, AI800649, AI880031, AA029154, AA776155, N31764, AA029051, N24835, AI610362, AI582932, AW075413, AI889189, AI433976, AA429993, AL045500, AI433157, AL042753, AI539771, AI923989, AI537677, AI500659, AI801325, AI500523, AI284517, AI500706, AI491776, AI445237, AW151138, AI521560, AI500662, AI284509, AI866573, AI633493, AI434256, AI888661, AI284513, AI888118, AI611738, AI251205, AI275175,</p>

	AI434223, AI554821, AL042551, AI866510, AL036146, AI889168, AI620284, AI815232, AI340603, AI567360, AL046926, AL042787, AI440252, AI499463, AI890784, AW075351, AI800433, AW151136, AL079963, AI678357, AA938383, AW082113, AI270183, AI440239, AL041772, AL045266, AI269862, AI800453, AI537273, AL047763, AL040243, AI436456, AL042628, AI932794, AI963846, AI567940, AI345608, AW301410, AI817244, AI537515, AI612913, AI567993, AI285826, AI863014, AI475371, AI499512, AI889133, AI282281, AL043293, AI334884, AI610645, AI610402, AI917252, AI610429, AI349598, AI889148, AW074993, AI349614, AI364788, AI521594, AL042538, AI632408, AI572787, AA508692, AI312152, AI567935, AI869367, AI630928, AW129106, AL119863, AI432656, AI349937, AI348897, AI307708, AI796743, AI815855, AI538085, AI457369, AW148320, AI539028, AW073994, AI889953, AI281782, AI500077, AW238730, AI590830, AI802542, AW083804, AL042627, AA572758, AI499285, AW274192, AI950892, AL045620, F27788, N80094, AW071417, AI308032, AI345745, AI348854, AI344785, AI805769, AL036396, AI340582, AI866608, AI539847, AI432666, AI434468, AI890833, AI344817, AI926790, AI539632, AI564719, AI612885, AI591420, AI889376, AA420758, AI648663, AL038605, AI524671, AW051258, AW074869, AI873731, AI619502, AI677796, AW268253, AI922901, AI288305, AW118518, AL121496, AI866457, AI913452, AI570807, AW026882, AW050522, AI923370, AI345735, AI281772, AL121286, AI371251, AI345416, AI921248, AI345612, AW188539, AW301300,

AI702073, AL079740, AI804983, AW269097,
AI933589, AL042745, AW169653, AI648684,
AW268220, AI334450, AI345415, AW117746,
AI274508, AI476046, AI633125, AI345471,
AW302988, AI886753, AI698391, AI312428,
AI783504, AI572418, AI686906, AI654276,
AI349645, AL119049, AI682743, AI866770,
AI758437, AI433037, AI873644, AI627988,
AI309401, AI343112, AI889147, AW148294,
AW089572, AI498579, AI064787, AI349256,
AL039276, AI805762, AL041862, AL039086,
AL048496, AW059837, AI955917, AI620003,
AI446538, AI499986, AI633419, AI554245,
AI306613, AI349957, AI284131, AB032963, U72620,
I48979, I48978, AF113689, I89947, A08913,
X72889, AF090903, AL133565, A65341, I33392,
A08916, AL110221, AF090896, AR011880, AR059958,
X63574, A08910, L31396, A08909, Z82022, L31397,
AF113699, AL117583, I89931, A03736, I49625,
AL117457, AL117435, A77033, AF090934, AL050146,
E03348, AL050138, AF113690, A77035, AL133016,
AL022165, AL122110, S68736, AC006501, AF113677,
AL049452, AF106862, AL137538, AF158248, U42766,
AF090901, AL050393, AL133606, AJ012755, Y11587,
AL049382, AL137459, U80742, AL122093, AL137527,
AL080060, AF113019, X82434, AL133080, S78214,
AL137271, AF183393, X93495, U35846, E07361,
A58524, A58523, AL137550, AL133557, AF091084,
AL050149, AF087943, E02349, AL133560, AL050024,
AF118070, AL080159, AL049430, AL133640,
AF113013, AJ242859, AF177401, AC007877,
AF078844, AL122121, AL122049, AL049464,
AL122050, X70685, AL117460, AL122098, AF113676,
Y16645, AL137557, AL110196, AL050277, AL117585,
AF146568, AL133113, AL122123, AF113694,
AF017437, AF118064, AF097996, AL049938, U00763,

1152	HE2LP33	875687	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 520 of SEQ ID NO:1152, b is an integer of 15 to 534, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1152, and where b is greater than or equal to a + 14.</p>	<p>AF104032, AL080124, AL133072, AL049466, A08912, I03321, AF118094, AF090943, AF111851, AJ238278, AF125948, X65873, AF079765, AF067728, AJ000937, AF113691, AL133075, AL050116, AL050108, AL137463, AL080137, AB019565, AL049314, E07108, AF090900, AF125949, AF026816, AF003737, S79832, X84990, AF026124, AF061943, AL133093, AL049283, Y11254, A12297, A93016, U67958, AL137648, AF017152, AL080127, AL110225, AL117394, AF022363, AF162270, I42402, L30117, AL049300, AL137560, AL096744, AL137521, X96540, AC004383, I26207, AC007179, S61953, AF008439, I09360, E15569, U91329, AC004686, A93350, AF119337, AF110520, AC002464, AL110197, Z98036, AC004883, U96683, AL133077, AR038969, AL137283, AC006336, X98834, AC007748, AR000496, U39656, AL022147, AL050172, AF111112, AL137526, AL133568, E08263, E08264, U95739, AC006017, AF185576, AL137533, E04233, AF153205, AL133104, AF057300, AF057299, Y14314, AL110280, AL022723, AL117440, AL133014, AC004837, AR034830, I96214, AF106827, AC008394, E05822, AL133665, AF079763</p>
1153	HCRMN10	875688	<p>Preferably excluded from the present invention are one or more</p>	<p>AB021638, AB023431, AC005954</p>

1154	HKMMR6 I		<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 387 of SEQ ID NO:1153, b is an integer of 15 to 401, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1153, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1093 of SEQ ID NO:1154, b is an integer of 15 to 1107, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1154, and where b is greater than or equal to a + 14.</p>	W72774, AI961188, AA985560, AI269056, AA076186, AA541279, N46999, N51479, T67962, N53622, AL080011, AI952780, AI634350, AW055252, AI887163, AA969375, AA218835, N27874, AI540179, AW050850, AI818353, AI927233, AA528641, AA857847, R81679, AI440399, AI491775, AA594699, AA514684, AA721581, AA814782, AI635634, AA834534, AW163834, AI184903, AW149925, AI6233941, AI524179, AI784214, AI539153, AA504514, AW132065, AI611743, AA878955, AI583578, AI824688, AI912434, AI683897, AA015749, AA196287, AL042191, AL049872, U62317, AC002471, AC005374, AC004383, AC006013, AC004878, AL022721, AL035458, AC004837, AC005291, AC004797, AC004934, AC006561, AL035587, AC005829, AC003041, AC002558, Z99495, AC005091, AC005156, AL035687, Z82206, AP000255, AC004941, AL034400, AL022165, AF031078, AF109907, AL110280, AP000213, AF030876, AC006017, AC004987, AP000135, AC005815, AC007458, AC006115, AC006222, AP000247, AL078463, AP000344, AC006344, AP000031, AC005488, AL031346, AL050322, AP000697, AL031281, AC005876, AL137270, U95739, AP000130, AP000208, AF207550, AC002464, AL096776, AC002472, AL022400, AC007172, AL133245,
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1155	HUFDC50	875690	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 605 of SEQ ID NO:1155, b is an integer of 15 to 619, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1155, and where b is greater than or equal to a + 14.</p>	<p>AL031732, AL137716, AC004253, AL031984, AC002540, AC007193, AL020997, AF042090, AC006112, U52112, AP000152, AC002430, AF184110, AC002551, AF111168, AC006501, AF130343, AL096791, Z83840, AC005011, AC007384, AL050318</p> <p>AA489935</p>
1156	HKLAB51	875697	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 517 of SEQ ID NO:1156, b is an integer of 15 to 531, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1156, and where b is greater than or equal to a + 14.</p>	<p>AA542845, AA782986, AW173084, AA971073, AW183046</p>
1157	HCGBB63	875698	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 812 of SEQ ID NO:1157, b is an integer of</p>	<p>AI568430, AI246554, AW027069, AA877169, AW149590, AI183422, AA716169, AI090869, AW005361, AA557127, AA993093, AW161538, AI214928, AI379010, AA506979, AI687187, AA433903, AA642688, AI335958, AI333689, W57684, AI040452, AI275620, AA890300, AI190701, AI290057, AI348102, AA926808, AI031596, N90906,</p>

1158	HRGDD40	875699	<p>15 to 826, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1157, and where b is greater than or equal to a + 14.</p>	<p>AA872078, AI299396, W94366, N41036, AI282284, AI185236, AA453236, AI355169, W94475, AA948179, AW025303, AI146903, AI826491, AA827294, AI193123, AA451693, AI168575, AI268775, AI832661, AA885921, AI318374, W78211, AI797521, AW161473, AI878908, AA676574, W16482, AI140474, W19391, AA453076, AA807423, AW376438, W46807, F27907, H70310, AA746789, H22415, AA873324, AA427994, H18364, W16663, AA826881, H18333, C03502, F35271, F34797, AA375365, F32270, W46925, F35644, AA650485, AA758625, N89448, AA889188, AA494406, AA310092, H70822, AA906816, AA338496, AI335184, AA365661, AI906375, AA341769, AI459562, AA507722, C04086, AA327882, AA625863, F36483, AI906786, AA434582, H44893, W70314, H70823, AA583003, W31888, C01703, AI249827, F28846, H40883, AF044953, X59697</p>
1158	HRGDD40	875699	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 600 of SEQ ID NO:1158, b is an integer of 15 to 614, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1158, and where b is greater than or equal to a + 14.</p>	AA827755
1159	H2LAD49	875700	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 580 of SEQ ID NO:1159, b is an integer of</p>	<p>AI674404, AI091450, AA313891, N64362, AA593226, AW135198, D51423, D58283, D80253, D80188, D59859, D59610, D59502, D80227, D57483, D59275, D80022, C14331, D80166, D80366, D80195, D50979, D59619, D81030, D80210, D51799, D80391, D80164, D80240, D59889, D80043, D59787, D80269, D80212, D80196, D80378, D80038, D80219, D59467, D59927,</p>

		<p>15 to 594, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1159, and where b is greater than or equal to a + 14.</p>	<p>C14389, D80193, D50995, C15076, D80024, D80241, AA305409, C14429, T03269, D80045, AW178893, D51060, C75259, C14014, AW178775, D51022, D80134, AW352158, D51250, AW179328, D81026, AW177440, AW378532, D80168, AA305578, D51079, D59695, D80251, D58253, F13647, D80522, D80248, C14227, AW178762, AA514188, AW177501, C14298, AW177511, D80133, D81111, Z21582, C14407, AA514186, AW360811, AW378540, AW377671, C05695, AW375405, AW179012, D80268, AW179024, AW178971, D80132, AW366296, AW179020, AW360817, AW375406, AW177456, AW378534, AW352171, AW179332, AW377672, AW179023, AW178905, AW179007, AW178754, AW177714, D59373, AW377676, AA285331, AW360834, D51097, D80302, D80014, AW179004, D80439, AW178906, AW352170, AW177731, AW178907, AW179019, AW179018, D80247, AI557751, AW378528, AW178908, D51103, AW352174, T11417, AW178983, AW178914, AW378543, AW378525, D59627, D80157, T03116, AI557774, D51759, AW178774, AW178781, AW352163, T48593, C06015, D50981, D80258, D51231, AW178755, D59653, T02974, H67854, AW178986, D45260, D51213, AW378533, AW367950, AA809122, D45273, T03048, C03092, AI525923, H67866, C14957, D59503, D59317, H67858, C14344, C14973, AI525917, D58246, AW179013, D80064, C16955, D51221, D59474, D59551, AI525920, AI525237, D60010, AA514184, D58101, AI535686, AI525235, Z30160, AI525227, AI535961, C14046, Z33452, AI525222, AI525242, A84916, A62300, A62298, AJ132110, AR018138, Y17188, X67155, D26022, A25909, A67220, D89785, A78862, D34614, I82448, D88547, AR008278, AF058696, X82626, AB028859, AR025207, Y12724, AB012117, A82595, X68127, AB002449, A94995, A85396, AR066482, AR060385, A44171, A85477, AR008443, I19525,</p>
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1160	HMSGN49	875703	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 345 of SEQ ID NO:1160, b is an integer of 15 to 359, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1160, and where b is greater than or equal to a + 14.</p>	<p>A86792, U87250, X93549, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, AR054175, Y09669, A43192, A43190, AR038669, AR066487, A30438, I18367, D88507, I14842, D50010, Y17187, AF135125, AR008277, AR008281, X64588, A63261, AR008408, I79511, AR062872, A70867, AR016691, AR016690, U46128, D13509, AB033111, A64136, A68321, AR060133, AR064240</p> <p>AW294985, AI656659, AI950220, AI624744, AW003841, AW081373, AI652917, AA332683</p>
1161	HWLMC49	875704	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 619 of SEQ ID NO:1161, b is an integer of 15 to 633, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1161, and where b is greater than or equal to a + 14.</p>	<p>AA827244, T79702, T82086</p>
1162	HAVME52	875705	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AF109298, AW131127, AI092766, AA149579, N52554, N59831, AA151796, AA687571, AI474235, AA658141, AA296298, AA177004, W31561, AA523588, AI525303,</p>

1163	HCQDP49	875708	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1408 of SEQ ID NO:1162, b is an integer of 15 to 1422, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1162, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 499 of SEQ ID NO:1163, b is an integer of 15 to 513, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1163, and where b is greater than or equal to a + 14.</p>	<p>N59830, AA662843, AA151807, W32120, W32085, W31628, AA523333, AC002064</p> <p>H29023</p>
1164	HCROW44	875717	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 563 of SEQ ID NO:1164, b is an integer of 15 to 577, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1164, and where b is greater than or equal to a + 14.</p>	<p>T68115, AF090125, AF074264, AC007537, AF074265</p>
1165	HDPHF03	875719	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AW237145, AI964041, AI652991, AW388333, AW388283, AW388339, AW388453, AW378440, AW388413, AW388414, AI634155, AW388480,</p>

		<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 651 of SEQ ID NO:1165, b is an integer of 15 to 665, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1165, and where b is greater than or equal to a + 14.</p>	<p>AW388438, AI624430, AI677965, AI492186, AW388607, AW388633, AW388711, AI694383, AI963871, AI015391, N26502, AW388591, AW388449, AW388687, AW388511, N59336, AI352317, AW197113, AW366319, AI476054, AA526522, AW388455, AW388543, N67998, AW388336, AW388273, AW388642, AW388570, AW388358, AI206626, AW352126, H06135, R38073, AA639698, AA227926, AI001745, AW388561, AI267688, AW378421, AW378465, T32854, AW388265, AI619649, R44314, AW388270, AI423703, F10774, AW388586, R37116, T16595, C00538, R40211, H05894, AW388632, AW388615, AA227760, AW352118, AW023625, AW080157, AA693354, AW161156, AW020693, AI590043, AI623941, AI923446, AL079963, AI421662, AI567971, AI469754, AW089844, AA720970, AI696583, AI923989, AI818353, AW129264, AI559752, AL038986, AI500061, AI635082, AW163464, AI401697, AW059828, AW161098, AW020480, AI491842, AI538850, AL042944, AI619820, AI434731, AI114703, AI633125, AI698391, AI802695, AL120700, AI686808, AL040161, AI744204, N25033, AI673278, AI370623, AW168406, AL120526, AL040844, AA641818, AL036954, AA832154, AI610714, AW160916, AI818574, N29277, AW188525, AI538829, AI612747, AL043152, AW151974, AI890907, AI799228, AI817373, AL120588, AL045413, AI539690, AI627988, AI628325, AA907131, AW024921, AI567582, AI247082, AW023338, AI610690, AI884459, AL046942, AI866801, AL134999, AL121014, AI798456, R20540, AI446775, AL048323, AL120056, AL048340, AL047344, N33175, AA937574, AL119863, AI801793, AI440238, AI583578, AW051088, AI244343, AL045986, AI929108, AL135517, AL080011, AW160905, AI285514, AI887308, AI307604,</p>
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AI374987, AI687568, AI580190, AL043196,
AI866131, AI590943, AI699823, AA128805, T95813,
AA814990, AI523973, AI815237, AA292158,
AI863241, AI285439, AI097137, AI638644,
AW169671, AI631076, AA928539, AI824688,
AI824576, AI866465, AI872104, AI969655,
AI686576, AW087445, AI952306, AI909641,
AL036638, AI766348, AL040169, AW151132,
AI628850, AI289483, AI457113, AI687944,
AI522052, AW021662, AW188390, AI538764,
AI682971, AI909697, AI536685, AI815232,
AI866090, AI824375, AW162118, AI635950, T66952,
AI874238, AW027898, AI687614, AA847198,
AI580697, AI631082, AL039274, AW021717,
AI421252, AI349012, AF090901, I48978, AL137533,
AC007458, AF183393, Y16645, AI2558, AF090934,
AF113694, AB016226, AF090900, U68387, AL133049,
AF079763, AL050149, AF111851, AF002672,
AF115392, M85164, AF114784, AJ005690, A65965,
AF126247, AF126488, A65943, AL050172, AF106657,
I48979, Y10655, X79812, AL117457, U62807,
AF124728, AL050143, Y13350, AL137539, X66871,
A77033, A77035, AL137554, AL096744, U72621,
AL049452, S61953, AL122050, AB025103, AF090886,
AL050116, AF125948, AL137488, AF113690, A65340,
M85165, AJ000937, A03736, M79462, AL117635,
AF113019, A65341, AL122104, AL133557, AL122093,
AL133619, AL050393, AL133665, S36676, AL137459,
AL110225, Y07905, X65873, AF008439, AL137550,
AL133623, AF111849, AF090903, I00734, U92992,
AF087943, Z37987, E00617, E00717, E00778,
D83032, I89947, AF078844, AL122110, A08456,
AF159615, I09499, AL133113, AF139986, AF182215,
AL133560, Y11254, A08913, X89102, A91160,
AJ010277, AL137254, A91162, AF192522, I28326,
AR066485, X70685, Z82022, I80062, AF017152,

			<p>AL122100, S83440, AF177401, AL035458, AL137463, A08910, E08516, AF077051, AL049283, AR060156, U42766, A58524, A58523, U75932, A08907, A18777, A31057, AF118094, AL133080, I33392, AL137530, E07108, AJ006039, U73682, E02221, AL080124, AL133559, I89931, AR020905, AL133637, AL080227, E03671, A76335, AF031147, AL050146, AL137660, U78525, AL133031, AL137267, X81464, I49625, A08909, AF082526, AF119336, AL049382, AF004713, I61429, AF026124, AF061795, AF151685, AF004162, AL110222, AL137480, AF131773, AL049430, AL137529, AL023657, X99971, A08912, AR034821, AL122121, AF057300, AF057299, AF104032, X72889, A08911, AF113013, AL050170, AF100931, AL137557, AL117587, AF132676, AF118090, AF061836, AL137658, AL133014, AF146568, S77771, AL137479, AF126372, AL117648, AL137627, AR013797, AL133084, AF162782, AL137471, Y09972, U75304, AL137294, S76508, A18788, AR038854, S78214, AL110159, Y08864, AF113699, AL137560, AF106827, AF118092, AF142672, AB007812, AF185614, U37359, AL133568, AL080129, AF019298, I34395, I18358, AF000167, AF097996, A08908, AF201468, AL133640, AR012379, X72624, AL080110, AL117460, M96857, E12580, U51123, AR068753, AL096728, AL117435, AL122123</p>
1166	HCRMO82	875722	<p>AL122100, S83440, AF177401, AL035458, AL137463, A08910, E08516, AF077051, AL049283, AR060156, U42766, A58524, A58523, U75932, A08907, A18777, A31057, AF118094, AL133080, I33392, AL137530, E07108, AJ006039, U73682, E02221, AL080124, AL133559, I89931, AR020905, AL133637, AL080227, E03671, A76335, AF031147, AL050146, AL137660, U78525, AL133031, AL137267, X81464, I49625, A08909, AF082526, AF119336, AL049382, AF004713, I61429, AF026124, AF061795, AF151685, AF004162, AL110222, AL137480, AF131773, AL049430, AL137529, AL023657, X99971, A08912, AR034821, AL122121, AF057300, AF057299, AF104032, X72889, A08911, AF113013, AL050170, AF100931, AL137557, AL117587, AF132676, AF118090, AF061836, AL137658, AL133014, AF146568, S77771, AL137479, AF126372, AL117648, AL137627, AR013797, AL133084, AF162782, AL137471, Y09972, U75304, AL137294, S76508, A18788, AR038854, S78214, AL110159, Y08864, AF113699, AL137560, AF106827, AF118092, AF142672, AB007812, AF185614, U37359, AL133568, AL080129, AF019298, I34395, I18358, AF000167, AF097996, A08908, AF201468, AL133640, AR012379, X72624, AL080110, AL117460, M96857, E12580, U51123, AR068753, AL096728, AL117435, AL122123</p> <p>AL1819400, AI814979, AA044953, AI689770, AA018062, AI590996, AI760506, AI910522, AL119008, AA135834, AA989500, AW451393, AA988092, AI741134, AA721752, AW316860, AI823528, AI672307, AW451917, AA911199, AI656437, AL119009</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1063 of SEQ ID NO:1166, b is an integer of 15 to 1077, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>

1167	HFCDP47	875724	<p>NO:1166, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1163 of SEQ ID NO:1167, b is an integer of 15 to 1177, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1167, and where b is greater than or equal to a + 14.</p>	<p>AI817320, AI147544, AI669712, AA610839, AI955720, AI056448, AI056793, AA402968, AI982764, AA909968, AA643704, AI499360, AW169601, AA832501, AI284966, AW272685, AA665839, AA922928, AA653898, AA470857, AA911776, AI359243, AI423624, AI587214, R14201, AA316613, AA883307, R37484, AA531527, N74317, AI089835, AA915883, AI381713, H04547, AA702343, H04468, AA059276, D30942, W05225, AA401934</p>
1168	HFICJ16	875725	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 684 of SEQ ID NO:1168, b is an integer of 15 to 698, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1168, and where b is greater than or equal to a + 14.</p>	<p>AI394070, AI559997, AC007262</p>
1169	HWLLU74	875727	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1394 of SEQ ID NO:1169, b is an integer of 15 to 1408, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI1131018, AA579604, AI719085, AI859045, AW131268, AI814819, AI888714, AA568348, AI342165, AI860466, AA534872, AI914155, AI125453, W72331, W74397, AI300474, AA593735, AI498120, AA879110, AA995383, AI914049, AW449767, R60206, AA587361, AA588397, AI016404, H08009, H11647, AI269377, H12175, H19419, AI358021, T35018, AA470365, R14664, AA588354, H27693, H19418, H27694, H73776, AI337500, AI125449, AW078532, AA369905, Z41279, R45641,</p>

1170	HLMDL53	875728	<p>NO:1169, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 810 of SEQ ID NO:1170, b is an integer of 15 to 824, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1170, and where b is greater than or equal to a + 14.</p>	<p>AA404338, AA935725, AI678765</p> <p>AA700315, AA485611</p>
1171	HODBC46	875729	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 581 of SEQ ID NO:1171, b is an integer of 15 to 595, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1171, and where b is greater than or equal to a + 14.</p>	
1172	HCYBO46	875731	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 472 of SEQ ID NO:1172, b is an integer of 15 to 486, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA305824, AA315640, AW390685, D59502, AA193420, D80043, D59275, D81030, D57483, D59859, D80391, D80024, D58283, D80253, D80196, D59787, D80166, D51423, D80195, D59619, D80210, D51799, D80240, D59927, D80227, D80022, D80212, D80188, D80219, D50995, D80269, D80038, C14389, D59889, C14331, D80366, D80193, D80164, D59610, D50979, C15076, D59467, D80378, C14429, AA305409, D80241, D80045, T03269, C14014, D51060, C75259, D51022, AW178893, D80134, D81026, F13647, AW179328,</p>

NO:1172, and where b is greater than or equal to a + 14.	<p> D80268, D51250, AW178775, AW177440, AW378532, AA305578, D58253, C14227, D80949, AW369651, D80522, D80168, D52291, D51079, AW352158, D80251, D81111, Z21582, D80248, AW178762, AA514188, AI910186, AA514186, C14298, AI905856, AW177501, AW177511, D80064, D80133, AW360811, C14407, C05695, AW352117, AW176467, AW375405, AW378540, AW377671, AI557751, D80132, AA285331, AW177731, D51097, AW366296, AW360844, AW360817, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, AW360834, D80302, AW352171, D80439, AW377676, AW178906, AW352170, AW178907, AW179019, AW179024, D59373, D80247, D51103, AW179220, AW177505, AW179020, AW360841, AW178909, AW177456, AW352174, AW179329, AW177733, AW178980, AW179018, D59503, AW378528, AW178908, AW178754, T11417, AW179004, AW177722, AW179012, D80014, AW178914, AW378525, AW367967, D80157, AW177728, T03116, AW179009, D51759, AW178774, AW178911, AW378543, AW352163, D58246, AW178983, AW352120, AW178781, T48593, D58101, C06015, D80258, D59627, T02974, AW177723, D59653, AW177508, AW378539, C14975, D51213, D45260, AI535850, AI557774, AW378533, AW367950, H67854, AI525923, AW177497, C03092, H67866, AA809122, C14973, AW178986, AW177734, AI525235, AI525917, D45273, D59317, C14344, D51221, D59551, D50981, D59474, AI535686, AI525920, D60010, AA514184, C14957, D60214, AI525227, C14046, T03048, AI535961, AI525242, AI525912, AW378542, AI525925, AI525215, C16955, C05763, Z33452, AI525222, AF060219, A84916, A62300, A62298, AJ132110, AR018138, X67155, Y17188, D26022, A25909, A67220, D89785, A78862, D34614, D88547, AF058696, X82626, AR008278, AB028859, I82448, AR025207, Y12724, AB012117, X68127, </p>
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1173	HCUEB32	875733	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1095 of SEQ ID NO:1173, b is an integer of 15 to 1109, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1173, and where b is greater than or equal to a + 14.</p>	<p>A82595, A85396, AR066482, A44171, A94995, A85477, I19525, A86792, U87250, AR060385, AB002449, X93549, AR008443, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, AF135125, AR066490, Y09669, A43192, A43190, AR038669, AR066487, I18367, A30438, AR054175, D88507, I14842, X64588, D50010, Y17187, A63261, AR008277, AR008281, AR008408, AR062872, A70867, AR016691, AR016690, U46128, AB033111, I79511, D13509, A64136, A68321, AR064240, AR060133, U87247, AB023656, U79457, Z82022, AF123263, AR032065, AR060382, X93535, AR008382</p>
1174	HCRNQ45	875734	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 403 of SEQ ID NO:1174, b is an integer of 15 to 417, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1174, and where b is greater</p>	<p>AW168181, AW206649, AI922409, AW080620, AW130528, AI761499, AA653277, AI927432, AW081680, AI167194, AW081694, AL040959, AW206389, AI652360, AA493404, AI652675, AI337391, AI203409, AI339098</p> <p>W39008, AW444757, AW452817</p>

1175	HWLOO86	875736	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 958 of SEQ ID NO:1175, b is an integer of 15 to 972, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1175, and where b is greater than or equal to $a + 14$.</p>	<p>AW007552, AA631188, AI591162, AI597940, AI913964, AI125099, AA514439, AI732368, AA130570, AA524037, AI732382, AI913985, T24883, T24441, Z82216, AL049543, AE000660, AC005145, AL034369, AL031176, AL022158, Z69906, AL049750, AC007486, AL035552, AC008109, AL022164, Z97181, AC004865, AC002412, AC004075</p>
1176	HSPME53	875737	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 429 of SEQ ID NO:1176, b is an integer of 15 to 443, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1176, and where b is greater than or equal to $a + 14$.</p>	
1177	H2CBE48	875738	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 577 of SEQ ID NO:1177, b is an integer of 15 to 591, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1177, and where b is greater</p>	<p>AI807250, AI089251, AI378396, AI650375, AI087818, AA770446, AI493563, AA805923, H75516, AI493544, AI261989, AA307336, C14331, C14344, C14407, D50995, D59927, AA514188, C14389, D80168, C03092, F13647, D58101, D80022, T02868, D80247, C15076, D45273, D80269, D51799, D59503, D80227, D59502, Z33452, D80228, D80188, D59467, AA305720, D59610, D80378, D80241, T03048, AI535961, AI525922, AI525920, AI525238, AI525237, AI525907, AI525903, AI525969, AJ005273, X58472, A62298, AF058696</p>

1178	HCQDJ47	875739	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 446 of SEQ ID NO:1178, b is an integer of 15 to 460, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1178, and where b is greater than or equal to $a + 14$.</p>	AW020917, AB007956
1179	HDTKC01	875740	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:1179, b is an integer of 15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1179, and where b is greater than or equal to $a + 14$.</p>	AA521474, AI089721, AW297296, AW181990, AI097236, AI299185, AA931786, AA836613, AA976871, AI279776, R82197, H38948, AI886396, AW078989, W59999, AW235744, H86820, AW265599, AA936252, AA069472, AA987461, AA886940, N42321, AI524654, AI624859, AI572717, AW243741, AI432644, AW104141, AI345688, AI613314, AI682106, AI047344, AI627714, AI686589, AI801152, AI242248, AW023846, AI874166, AI336634, AA641818, AI701097, AI950664, AI345415, AW366372, AI491852, AI620056, AI804515, AW020693, AI582912, AI284034, AL041562, AW263804, AI887569, AW022494, AI619587, AW020288, AA056265, AL036780, AI613038, AI624529, AI669459, AI281412, AW163464, AI586931, AI473536, AI434223, AW083825, AI478902, AI884318, AI567211, AA857847, AI922037, AI799674, H41759, AI3555613, AI687809, AW083572, AI923871, AW410430, AI537261, AI478282, AI627896, AI352290, AI679959, AI915291, AW152182, AI702527, AI472566, AI540674, AI436429, AL045163, AW020592, AI349957, AI348969, AI584130,

	AI758924, AI345005, AW438793, AI471909, AI565172, AI249877, AW194014, AI804505, AW263823, AW073677, AI868204, AI633125, AI819545, AI345014, AI538564, AI799189, AI452560, AI655932, AI538716, AI699020, AI682640, AI690813, AW075382, AI309306, AW105431, AW411225, AI698391, AI633061, AI281772, AI520881, AI620643, AI355779, AW024594, AW118518, AI568886, AI638644, AI334893, AI688848, AI273856, AI491710, AI628214, AI434731, AI289791, AI473208, AI889189, AI690748, AI569975, AW081047, AI918554, AI306705, AI340627, AI554186, AI620003, AW073898, AI624157, AW148356, AI499570, AI499986, AI591310, AL045413, AL039274, AW022636, AI963068, AI955906, AI702301, AI471429, AL036923, AI866465, AL135024, AI538829, AI624084, R41605, AI889147, AI446124, AI623941, AA815283, AI500061, AI537677, AI439903, AW103628, AI254226, AI521560, AI521005, AI859644, AI699823, AI890907, AW020397, AI683173, AI670009, AI566003, F28295, AW170635, AI244647, AW088605, AW082532, AA019328, AI631264, AW089572, AW055252, AW090103, AW023871, AW192701, AA665612, AW117675, AI433600, AI440263, AI890838, AW079432, AI866573, AA042949, AI541048, AI784214, AL134712, AW152550, AW263569, AA572872, AI500523, AI538850, AW029317, AI859991, AI536836, AA827691, AI581033, AI925744, AI305157, AI473471, AI345612, AI241744, AI583578, AI349958, W45537, AI288285, AI254814, AA761557, AI345416, AA939199, AI310575, AI868180, AW024360, AW193467, AL039086, AI680504, AI648699, AI886181, AI285439, AA693331, AI433611,

AI254420, AW025279, AI678850, AI590043,
AW129264, AB023145, AB028449, AL122045, U49908,
AL080074, AL122100, X57084, AL122104, AF004162,
AL137711, AR038854, E02152, AF002672, I89947,
L13297, A18777, AF118094, I48978, I33391,
U42766, AL137558, U88966, E12806, AJ006039,
A08913, U80742, AL137488, AL049324, E03671,
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X65873, AL133049, S77771, AF119337, U92992,
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AL050208, A77033, A77035, AL133640, AF139986,
AL137555, AF019298, AF000145, AL110280, X57961,
AF115410, AL137283, AF090943, AF115392,
AL137459, I17767, S82852, AL133113, AL049452,
AR068466, A15345, AF026816, S75997, S78453,
AL137478, X83544, AL137530, X80340, AL137271,
AL049314, AL137258, M85165, U86379, AF026008,
E12580, AF044323, AF061981, AL133619, AL137465,
AF055917, AL035587, A17115, A18079, AL080124,
AF067790, AL133637, AJ000937, AL133557,
AL110158, E12579, U57352, AL122118, AL117435,
E02221, A90832, AF008439, AL137479, I00734,
AF113694, S63521, AR068753, AL133558, A65341,
X70685, AF069506, X72624, AL050280, AF031147,
AF183393, AF159148, Y09972, X54971, I09499,
E00617, E00717, E00778, AF016271, AF030513,
X66975, AF102578, AF106862, AF057300, AF057299,
I89944, E12747, A21103, X63410, Y10823,
AF106657, AL050172, AL117416, AF151109,
AL080140, AF194030, E06743, AB016226, AF113019,

1180	HCQDI44	875746	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 335 of SEQ ID NO:1180, b is an integer of 15 to 349, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1180, and where b is greater than or equal to a + 14.</p>	<p>A57389, AF113677, X66862, AL049339, Y16645, AL117587, AF087943, AL050277, AF107847, AL133081, AF141289, AF079763, AJ242859, AF047716, AL110221, AF090903, Y14314, AL050116, U51123, AF125948, L31396, AF158248, AL110224, AI2297, AL110222, AL137548, L31397, AJ005690, AF061943, AL137476, D83032, AL133665, AL137537, X81464, S83456, AL133067, D83989, AF017437, AF126247, X66871, AL049938, E04233, Y11254, AF038847, U02475, AL080159, AF200464, E15324, AF150103, AL137533, AF199027, U49434, X67813, AF137367, AJ012755, AL050366, AF113013, I29004, X66417, E01573, E02319, AF106945, AL137463, AL110171, X98066, Y10655, AF091084, AF090934, AF100931, S36676, AL049464, AL049382, X92070, AL137281, I26207</p>
		R17097		
1181	HNFGP44	875747	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 365 of SEQ ID NO:1181, b is an integer of 15 to 379, where both a and b</p>	<p>AI133562, AA885881, AI783849, AA829608, AW058434, AL109610, AC005071, Z54246, Z69837, AC005516, AC007055, AC006057, AL078583, AF097732, AC005220, AC006964, AC004030, AC008545, AL049780, U91327, AC006023, AL020997, AL133371</p>

1182	HWLQG44	875751	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1181, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 389 of SEQ ID NO:1182, b is an integer of 15 to 403, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1182, and where b is greater than or equal to a + 14.</p>	<p>AW130607, AA976866, R66412, AI289641, AI459945, AC004851</p>
1183	HHMMD4 ₄	875752	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 403 of SEQ ID NO:1183, b is an integer of 15 to 417, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1183, and where b is greater than or equal to a + 14.</p>	AA262855
1184	HCQAC43	875753	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 629 of SEQ ID NO:1184, b is an integer of 15 to 643, where both a and b</p>	<p>AI880389, N20300, N63913, AW083576, N27569, N98285</p>

1185	HWLUF33	875754	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1184, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 537 of SEQ ID NO:1185, b is an integer of 15 to 551, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1185, and where b is greater than or equal to a + 14.</p>	AA280724, AW369170, R26169, H02035
1186	HCRPE66	875760	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:1186, b is an integer of 15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1186, and where b is greater than or equal to a + 14.</p>	AA922154, AI921318, AA909502, W73883, AC005021, L48427
1187	HCYBD73	875761	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 552 of SEQ ID NO:1187, b is an integer of 15 to 566, where both a and b</p>	AA700080, AA305107, AI241587, AW295338, AI198105, T07192

1188	HWTCF43	875765	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1187, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 290 of SEQ ID NO:1188, b is an integer of 15 to 304, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1188, and where b is greater than or equal to a + 14.</p>	<p>W03161, AA372394, AA626628, AL134565, AA321501, AA598424, N46519, AI832184, AF003625, AC004065, AL022401, AC000980, AL022577, AC004066, AC004043, AL023878, AC007313, AC003091, AL031289, AF055066, Z80903, AL049778, AC005017, AC007533, Z73913, AC006257, AL132668, AL021329, AC001017, Z83820, AL031388, AC003976, AC002463, AC012085, AC004051, AL009047, AL022400, AL031673, Z94055, AC016831, AL133239, AL096803, Z83850, AC006197, AF126403, AC006466, AF002223, AC000114, AF036876, AC009891, AL031114, AC006195, AL121595, AL109847, AC006397, AL031116, AL080316, AL008629, AL034412, AL050401, U80459, U96409, AP000127, AP000205, AL009028, Z93929, AF003528, AL022727, AC004057, AF188025, AC006545, AC004010, AC006546, AL009174, AC006313, AP000245, AL031466, AF020801, AC002990, AC005539, AC005352, AP000141, AC008082, AL034351, AC002394, AC005703, AC006207, Z95126, AL133241, AC005939, Z95114, AP000088, AC005859, AL109662, AL022154, AL035695, AC000110, AC007004, AL030996, AL031074, AC002071, AC005337, D87675, AC004959, AL031584, AC004544, AC018633, AC004470, AL049859, AC007243, AL034410, AC004069, AL079306, AL121652, Z68746, Z99572, AL132777, AL035258, AL132774, AC006365, AC004908</p>
1189	HCRNA26	875766	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>AI492910, H27915, R87432, AC004492</p>

			is any integer between 1 to 526 of SEQ ID NO:1189, b is an integer of 15 to 540, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1189, and where b is greater than or equal to a + 14.	
1190	HCQDD42	875768	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 475 of SEQ ID NO:1190, b is an integer of 15 to 489, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1190, and where b is greater than or equal to a + 14.	R30734, R58196, AI808768, AI809938
1191	HCRNN21	875769	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 398 of SEQ ID NO:1191, b is an integer of 15 to 412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1191, and where b is greater than or equal to a + 14.	H39029, AL133893, AB023167
1192	HCRNH26	875772	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	AI261627, AW274550, AI418272, AA458605, AW293861, AA731376, AI927518, D80453, AI217860

1193	HDPWD42	875773	<p>is any integer between 1 to 814 of SEQ ID NO:1192, b is an integer of 15 to 828, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1192, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 266 of SEQ ID NO:1193, b is an integer of 15 to 280, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1193, and where b is greater than or equal to a + 14.</p>	N91462, AI873775	
1194	HTAET42	875774	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 379 of SEQ ID NO:1194, b is an integer of 15 to 393, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1194, and where b is greater than or equal to a + 14.</p>	AC006946	
1195	HMCIK65	875778	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>AA488988, AI658816, AI808265, AI634138, AI695249, AA954672, AW236923, AA495812, AI308233, AA910211, AA488768, W21487, AI014480, AA484868, AW382542, N91779</p>	

1196	HDTGQ43	875779	<p>is any integer between 1 to 923 of SEQ ID NO:1195, b is an integer of 15 to 937, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1195, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 476 of SEQ ID NO:1196, b is an integer of 15 to 490, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1196, and where b is greater than or equal to a + 14.</p>	AA609595, AI034361, AA983577, AA948387, AI660929, AI277113, AA906837, W60814, R54995, AI828307, R55002, AI927134, AW448912, AW022996, AW020086, AL036634, AL036759, AL036858, AL036924, AL038447, AL037082, AL037639, AL119319, AL036719, AL110306, AI929108, AW071417, AI927233, AI621341, AI307557, AW162194, AL037615, AW084056, AI335214, AL035928, AL037021, AL037643, AL036167, AL038529, AW161202, AI537677, AW087445, AW079432, AW161098, AI349186, AI961589, AI474646, AI887775, AI583578, AL037049, AW151136, AI815232, AW303089, AW163834, AI623941, AW051088, AI270183, AL048298, AI567971, AI471429, AW023351, AI631977, AA580663, AI888665, AI445620, AI500061, AI866770, AL046944, AI285439, AI476076, AI475371, AL040636, AI440238, AI538885, AI889376, AI679550, AW020397, AI445611, AW163554, AI494201, AI679266, AI284509, AA572758, AI499963, AI340519, AI340603, AL045500, AI433157, AI345745, AI702073, AL036808, AI828412, N33175, AA420722, AI521560, AI523806, AW022102, AL040241, AI633125, AL036638, AI698391, AI446373, AI915291, AA514684, AI582932, AW411043, AI889189, AI380329, AI824576, AI241901, AI432570, AL138388, AI345688, AI923989, AI458588, W74529, AI274768, AI254727, AI818728,
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A65340, X80340, M30514, AF047716, AL049452,
AF113676, E00617, E00717, E00778, U68387,
AL050108, AL080126, U35846, AF008439, I89934,
AF113694, X66862, A86558, AF067728, AL080154,
Z13966, AL137648, M86826, AL133568, AL117392,
AF081197, AF081195, AL122123, U88966, AF091084,

1197	HT2SF78	875780	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1497 of SEQ ID NO:1197, b is an integer of 15 to 1511, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1197, and where b is greater than or equal to a + 14.</p>	<p>AF207750, A57389, AL117463, AL049938, Y11254, AL137523, AR038969, U90884, E02349, AF106827, AF111849, E15324, E07108, AF015958, U78525, AL133113, AL133072, AL137480, AF102578, AF106862, S78214, A58524, A58523, AF003737, AL137556, AF175903, AL050024, AL049430, I26207, AL117583, X52128, AL117585, AL133557, A93350, E01314, I03321, AF090901, A12297, U91329, D55641, AF090934, AF118064, I09360, AF118070, AL137560, AL122098, AF017152, U00686, AJ003118, AI291051, AA169183, W37412, AA081743, AA634346, W37413, N95342, AA757329, N49251, AI051537, W25251, AI028044, AI765214, H96923, AA844562, AW367898, N84978, N46525, AA169311, Z19468, AC007671, X77922, L43494, D26360, L32867, D45255, U53883, L38677, X84235, AC007544, AF088002</p>
1198	HCRMG60	875781	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 729 of SEQ ID NO:1198, b is an integer of 15 to 743, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1198, and where b is greater than or equal to a + 14.</p>	<p>AA443447, AW386761</p>
1199	HCRNC13	875782	<p>Preferably excluded from the present invention are one or more</p>	<p>AA514691, AI863374, AA634463, AW015540, Z41103, AL046561</p>

1200	HCRPH74	875783	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 495 of SEQ ID NO:1199, b is an integer of 15 to 509, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1199, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 252 of SEQ ID NO:1200, b is an integer of 15 to 266, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1200, and where b is greater than or equal to a + 14.</p>	AW058223, AI891075	
1201	HCQDW41	875784	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 380 of SEQ ID NO:1201, b is an integer of 15 to 394, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1201, and where b is greater than or equal to a + 14.</p>	AA236027, U91326, AF001549, U95742, AC007216, AC002045, AC002039, AC002425, AC002544	
1202	HCRMZ22	875785	<p>Preferably excluded from the present invention are one or more</p>	AA226868, AA668240	

			<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 420 of SEQ ID NO:1202, b is an integer of 15 to 434, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1202, and where b is greater than or equal to a + 14.</p>			
1203	HCQDE41	875786	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 411 of SEQ ID NO:1203, b is an integer of 15 to 425, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1203, and where b is greater than or equal to a + 14.</p>	AA454059, N81040		
1204	HMKCZ06	875787	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 675 of SEQ ID NO:1204, b is an integer of 15 to 689, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1204, and where b is greater than or equal to a + 14.</p>	<p>AI732208, AW007403, AA570148, AI990949, AA974880, AA502007, AA587096, AI748880, AA918155, D25690, AW338222, AA916641, AI732207, AI679197, AA532851, AA877116, R55320, AL031587, AL022322</p>		
1205	HMEGG05	875789	<p>Preferably excluded from the present invention are one or more</p>	<p>AA126720, AA304970, AI245437, C05706, AW074185, AI963381, AI278686, AI673497, AI355944,</p>		

1206	HNTMD41	875792	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2462 of SEQ ID NO:1205, b is an integer of 15 to 2476, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1205, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 616 of SEQ ID NO:1206, b is an integer of 15 to 630, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1206, and where b is greater than or equal to a + 14.</p>	<p>AI254709, AI556972, AA861926, AI696647, R15875, N77782, AI583602, AA424183, AA424252, AA860484, AI590425, AA962253, AI539094, AA872756, C04708, H89906, AI245750, AI015771, AW087562, AW179256, AI857288, C20598, AA688200, AI866350, AI887115, AA370173, AA720604, AA599102, AA594409, AI351720, AI818385, AI859521, AA360027, AI500090, AC006153, AJ250713, T66501</p> <p>AI689837, AW157773, AW134686, AI986479, AI879625, AW418716, AA975403, N90063, AA400229, AA554561, AI202416, AI208155, AI269000, AA480947, H05090, AA400228, AW137275, AI701698, AW392920</p>
1207	HCRNJ24	875794	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 741 of SEQ ID NO:1207, b is an integer of 15 to 755, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1207, and where b is greater than or equal to a + 14.</p>	<p>AA827926, AI860653, AW161711, AI808773, AI636695, AA741501, AA740727, AI889967, AW070423, AI075387, AI754281, AI300905, AI150922, N62430, AA142986, AW243049, T88858, AW298247, N67204, AI866174, AA150916, AI830959, AW361300, AA630806, AC006011</p>
1208	HWABK33	875798	<p>Preferably excluded from the present invention are one or more</p>	<p>AA977204, AA449116, AI377322, AI632071, AI743462, AI700245, AA613327, AL135261, N68390,</p>

		<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 586 of SEQ ID NO:1208, b is an integer of 15 to 600, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1208, and where b is greater than or equal to a + 14.</p>	AA236532, Z39901, AI370677, HI7781, T34975, AA936440, AW087776, AI886612, AI653609, AA593199, AA804236, AI285242, AA805442, AI686576, AW263796, AI553645, AW089275, AI927755, AI621341, AI623941, AI698391, AW104724, AI699865, AA848053, AW148536, AI624548, AI472536, AI567582, AI673363, AI537837, AW051088, AI815232, AI538564, AI915291, AW152182, AA908294, AI582932, AI889189, AI866469, AI624056, AI417790, AI884318, AA514684, AW167146, W74529, AI624304, AI609069, AI932794, AL046595, AI491842, AL121328, AI491805, AI590423, AI909661, AI690887, AI969655, AI370623, AW149925, AI865906, AI498067, AI784233, AI888746, AW078606, AW162194, AI624545, AI635492, AI874261, AI863665, AW189301, N33175, AW262491, AI886753, AW169234, AI798456, AI690410, AI917428, AW103878, AW029186, AI631216, AL042382, AI251221, AW265004, AL046944, AI499570, AI742728, AW118518, AW162690, AI866780, AI538885, AI927233, AI818353, AI963846, AW089405, AL043975, AI568138, AI590603, AI564426, AI870190, AI802542, AI440399, AA629959, AI273085, AI686817, AI522052, AW160916, AI635032, AI609409, AI583578, AI473528, AW073865, AI590043, AI207656, AI500061, AI799313, AL036673, AI469270, AI500714, AI225023, AI537244, AW090768, AI565128, AW129722, AI473536, AI499890, AI002285, AI819545, AI469532, AI583065, AI564719, AI288305, AW163834, AI345415, AW088328, AL079963, AW044386, AI702073, AI912356, AI636588, AI241763, AI812107, AI538764, AI913330, AW169671, AI570989, AI269580, AI538716, AW090736,
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AW198090, AW085373, AW148408, AI613270,
AL036923, AI570056, AI537303, AW264029,
AI439762, AI433157, AI610690, AI640873,
AI890907, AI536685, AI891084, AW078729,
AI633125, AI670984, AI950729, AW168663,
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AI863321, AI623379, AI559619, AI699823,
AW193530, AW073270, AI554485, AW079432,
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AI554821, AI538850, AI286256, AI619426,
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AI817523, AI570807, AI439452, AA602414,
AI473451, AL138457, AI114703, AA738104,
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AF081197, AL117460, AJ012755, X65873, AF182215,
AF113019, AF118094, AL117626, AL117416,
AL050092, AF067728, AF180525, AL050155, I09499,
AL117648, AL049283, AL050172, AL080148,
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AJ005690, A08910, I79595, AF002985, A08909,
U83980, AL133665, I48979, AL133560, X82434,
AF090934, Y16645, A08908, AL122050, AF183393,
I66342, U78525, Y07905, AL080163, AL137479,
AL110280, AL137550, U88966, AF100931, X80340,

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1209	HCVBC44	875800	<p>AA305027, AI167228, AI913614, AC021092</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>

1210	HWLQA40	875801	<p>the general formula of a-b, where a is any integer between 1 to 769 of SEQ ID NO:1209, b is an integer of 15 to 783, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1209, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 561 of SEQ ID NO:1210, b is an integer of 15 to 575, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1210, and where b is greater than or equal to a + 14.</p>	<p>AI563898, AW072034, AI985652, AW025367, AA568178, AW262766, R60170, AA946920, AI985700, AI341944, AI245652, AW149165, AI453178, R40393, Z39653, F09372, AA594484, T23979, F04421, F10466, F02571, R38571, R40082, F01627, AI978944, AI269816, AI588858, C00343, AI683935, AB033084, AF019638</p>
1211	HWHP143	875804	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 561 of SEQ ID NO:1211, b is an integer of 15 to 575, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1211, and where b is greater than or equal to a + 14.</p>	
1212	HKCSF43	875805	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AW139161, AI828623, AI675466, AI420850</p>

1213	HQAD39	875808	<p>the general formula of a-b, where a is any integer between 1 to 509 of SEQ ID NO:1212, b is an integer of 15 to 523, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1212, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 738 of SEQ ID NO:1213, b is an integer of 15 to 752, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1213, and where b is greater than or equal to a + 14.</p>	<p>AI309859, AI809088, AI650556, AI377258, AA629018, AW206377, AI968047, AI400261, AI014432, AI014514, AI143472, R02586, AI538164, AW387895, AW237769, AI474528, AA884915, AW387862, AA007677, AI522203, AW382761, X85547, AL080091</p>
1214	HCRNL08	875809	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1074 of SEQ ID NO:1214, b is an integer of 15 to 1088, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1214, and where b is greater than or equal to a + 14.</p>	<p>AI539366, AI769976, AW172437, AA425434, AA425297, AA279085, AI147845, AL119860, AI382211, AA287851, AA747806, AA933947, AA905535, AW204513, AA235991, AI222124, AA368273, AA287818, AA713651, AA972476, AA235795, AA713778, AF117888, AJ001714, AJ001713, L29148, L29135</p>
1215	HCRNY14	875810	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	

1216	HCRQG46	875814	<p>the general formula of a-b, where a is any integer between 1 to 368 of SEQ ID NO:1215, b is an integer of 15 to 382, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1215, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 811 of SEQ ID NO:1216, b is an integer of 15 to 825, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1216, and where b is greater than or equal to a + 14.</p>	<p>AW239403, Z99396, AW392670, AL119522, AW384394, AW363220, AL119497, AW372827, AL119443, AL036418, AL038837, AL119335, AL037051, AL036725, AA631969, AL119319, AL119324, AL119457, U46341, AL119396, AL036858, AL119483, AL119484, AL119363, AL119341, AL119391, AL119355, U46347, U46350, N71828, U46349, U46351, AL119496, AL039074, AL036924, AL042551, AL119418, AL119444, U46346, AL119399, AL042614, AL037205, AL119439, AL038509, AL042965, AL042975, AL134524, AL039564, AL134533, AL134528, AL037085, AL039085, U46345, AL039156, AL039108, AL039109, AL039128, AL042450, AL042984, AL119488, AL037094, AL037526, AL134527, AL134529, AL134538, AL036196, AL036190, AL043003, AL037639, AL042970, AL038520, AL039659, AL042542, AL036767, AL119511, AL042544, AL037082, AL043019, AL043029, AL036268, AL039912, AL037077, AL038447, AL036238, AL119464, AL038851, AL036774, AL042909, AL036733, AL036998, AL037027, AL037178, AL037615, AL036765, AL036719, AL036679, AL036191, AL036886, AL039410, AF105376, AC005411, AF105377, AF168992, AC005224, A81671, AR060234, AR066494, AC005375, AR023813, AR064707, AR069079, AR054110, AB026436</p>
1217	HCRQK63	875815	Preferably excluded from the	M59710

1218	HWLVS38	875816	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 503 of SEQ ID NO:1217, b is an integer of 15 to 517, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1217, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 760 of SEQ ID NO:1218, b is an integer of 15 to 774, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1218, and where b is greater than or equal to a + 14.</p>	<p>AI671182, AI343459, AA071514, AI917350, AW235354, AA648922, AI985626, AA082291, AI857422, AW139217, AA341262, AI800535, AA913262, Z99396, AL119457, AL119324, AW392670, AL119443, AL119399, AL036418, AL038837, AA631969, AL037051, AL036725, AW384394, AL036858, AL039074, AW363220, AW372827, AL119483, AL119418, AL036924, U46349, AL119497, AL119484, AL037094, U46347, U46351, U46350, AL119355, AL119319, AL119335, AL038509, AL039564, AL039085, AL039156, AL119363, AL119391, AL039108, AL039109, AL039128, AL119439, AL036196, AL036190, AL119444, U46341, AL119522, AL119341, AL037639, AL119396, AL036767, AL037526, AL134527, AL037085, AL119496, AL037205, U46346, AL038531, AL134538, AL036268, AL037082, AL038520, U46345, AI142134, AL038447, AL037077, AL037027, AL037178, AL037615, AL038851, AL036998, AL036733, AL036774, AL036719, AL036765, AL036679, AL036174, AL036191, AL036158, AL036836, AR060234, AR066494, AR023813, A81671, AR064707, AR054110, AB026436, AR069079</p>
1219	HCRNT27	875817	<p>Preferably excluded from the present invention are one or more</p>	AL035461

1220	HCRMT24	875819	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 542 of SEQ ID NO:1219, b is an integer of 15 to 556, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1219, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 134 of SEQ ID NO:1220, b is an integer of 15 to 148, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1220, and where b is greater than or equal to a + 14.</p>	AC007254	
1221	HCRNQ33	875820	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 315 of SEQ ID NO:1221, b is an integer of 15 to 329, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1221, and where b is greater than or equal to a + 14.</p>		
1222	HWLUO71	875821	<p>Preferably excluded from the present invention are one or more</p>	T49153	

1223	HTXRZ02	875822	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 466 of SEQ ID NO:1222, b is an integer of 15 to 480, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1222, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1285 of SEQ ID NO:1223, b is an integer of 15 to 1299, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1223, and where b is greater than or equal to a + 14.</p>	<p>AI193178, AI076316, AI470965, AA703140, N34056, T80181, AI241153, AI952208, R37322, AA385859, W86007, N46975, AA700249, T48765, T87488, R97030, AC004150</p>
1224	HWMBO4 7	875824	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1048 of SEQ ID NO:1224, b is an integer of 15 to 1062, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1224, and where b is greater than or equal to a + 14.</p>	<p>AW027620, AI478256, AA977072, AA479381, AA479885, H39098, AI660057, AI743611, AA724117, AA894537, H00481, AW304843, T73210, AI953325, AA102063, AA770698, AA428456, AI370710, R60534, C03787, AB020650</p>
1225	HCQCC37	875825	<p>Preferably excluded from the present invention are one or more</p>	AL046573

1226	HUVGY13	875826	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 594 of SEQ ID NO:1225, b is an integer of 15 to 608, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1225, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 875 of SEQ ID NO:1226, b is an integer of 15 to 889, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1226, and where b is greater than or equal to a + 14.</p>	<p>AA527277, AW403876, AW403877, AA112026, T67786, AI336206, AI472267, T11388, AI613487, AI889648, AI168361, D25667, AA586553, T18557, T67710, AI445768, AI567831, AI744381, AI921692, AI274006, AI042027, AI240308</p>
1227	HPMFM59	875828	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 725 of SEQ ID NO:1227, b is an integer of 15 to 739, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1227, and where b is greater than or equal to a + 14.</p>	N29001
1228	HCROI42	875832	<p>Preferably excluded from the present invention are one or more</p>	<p>AI378825, AI299691, AI248716, AI207012, AI025488, AI801275, AW139379, AI075931,</p>

1229	HACBB04	875833	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 477 of SEQ ID NO:1228, b is an integer of 15 to 491, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1228, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1582 of SEQ ID NO:1229, b is an integer of 15 to 1596, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1229, and where b is greater than or equal to a + 14.</p>	<p>AI129182, R56213, AI868688, AI540526, AI352622, AI887854, AB014521, AF141884, AC004782</p> <p>AI348155, AI567487, AA482559, AA426355, AA482412, AA195102, N32669, AA722595, AW274254, AI859721, AI003615, AW242302, AI494186, AI394631, AL043629, AI824406, AI015872, AI284359, AW139669, AI942272, AA010713, AI290543, AA496459, AI364660, AI758530, AI368521, AI872567, AI423266, AF192529</p>
1230	HMMAC3 4	875834	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 566 of SEQ ID NO:1230, b is an integer of 15 to 580, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1230, and where b is greater than or equal to a + 14.</p>	
1231	HDPFA20	875836	<p>Preferably excluded from the present invention are one or more</p>	<p>AI476641, AI800220, AA523781, AA688160, AW274475, AA279690, AA831827, AA480351, H23404,</p>

1232	HTGBQ40	875837	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1662 of SEQ ID NO:1231, b is an integer of 15 to 1676, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1231, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 380 of SEQ ID NO:1232, b is an integer of 15 to 394, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1232, and where b is greater than or equal to a + 14.</p>	<p>AA810727, AI689632, AA353334, R28470, AA927802, Z45246, AA279721</p> <p>AI650736, H21389, AI336480, H21432, AI264947</p>
1233	HDPWD53	875838	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 487 of SEQ ID NO:1233, b is an integer of 15 to 501, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1233, and where b is greater than or equal to a + 14.</p>	
1234	HCROZ63	875839	<p>Preferably excluded from the present invention are one or more</p>	T08857

1235	HWABJ67	875840	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 347 of SEQ ID NO:1234, b is an integer of 15 to 361, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1234, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 534 of SEQ ID NO:1235, b is an integer of 15 to 548, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1235, and where b is greater than or equal to a + 14.</p>	AI743586, AA773043, AI378041, AI653756, AW021263, AA934444, AI051436, AA525488, AA515054, AA737382, AI561320, AI566429, AI500523, AI590021, AW169671, AI890838, AI619607, AI890214, AI312428, AI499381, AI624693, AI500061, AI283760, AI340519, AI934035, AI637584, AW021717, AI633330, AW198090, AW087462, AI684279, AI493567, AI609594, AW129659, AI683475, AI906328, AI539153, AI673363, AW081298, AI889133, AL039132, AI963068, AA928539, AI802542, AI251221, AI571439, AI670002, AI591420, AL037454, AI288285, AI698391, AW089840, AI560012, AW169604, AW089439, AI564736, AI285448, AW051212, AW192652, AI633125, AI609331, AI439452, AI963846, AW192701, AA470523, AI471909, AI921379, AI686554, AI609128, AI915291, AW274192, AI610690, AI270183, AI432656, AI929108, AI926790, AI889189, AA769285, AW129106, AI815239, AA768550, AI758583, AL036705, AW163834, AL036780, AI624548, AI887308, AW161098, AI678496, AL039858, AI702073, AI624084, AI246905, AI890223, AL042365, AI524671, AL037582, AL036361, AL037602, AI345543, AA916372, AI702343, AI582932, AL120676,
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AF087943, AL133640, AL117585, I03321, AF180525,
U80742, AL137480, E08516, I00734, AL137463,
AJ001388, M19658, A65340, AF118070, AJ242859,
AR059958, AF185614, E00617, E00717, E00778,
AL137479, AL137476, AC004383, AF078844, X87582,
AJ000937, AF106697, AF158248, AL050108,
AL133568, AL133565, AJ005690, AJ012755, M84133,
A26498, AF076464, U67958, AL122093, AF102578,
AL110280, AF118558, AF106827, U00763, AF082526,
Y14314, AF177401, S68736, AL117394, A08912,
AL137521, AF104032, AF026816, AF097996, U83980,
AF079763, X52128, AP000697, AF026124, AL050146,
AL050393, A03736, AL049314, X72624, AL117583,

1236	HCRMY91	875841	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 852 of SEQ ID NO:1236, b is an integer of 15 to 866, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1236, and where b is greater than or equal to a + 14.</p>	<p>M77345, AL137256, AF090896, AJ006417, E05822, AR038854, A21103, AL137283, AF118064, AL049938, E03671, AL049430, AR015970, AL137648, X84990, AL122098, AF017152, AF047716, AL133016, I09499, AF079765, X63574, X98834, AL122123, AR011880, AL049423, AF167995, AF119337, AF113694, AL049464, AL137557, AC002464, X96540, AR038969, AJ238278, AL080139, U37359, AL133014, AF030513, A90832, U72620, AF126372, AF003737, X66862, Y16645, M30514, AL110296, I17767, AF044221, X92070, Z37987, AF026008, L31396, AF146568, AI2297, L31397, AC002480, AF061943, AF113013, AF100781, AL133067, AF090934, S63521, AL050024, AL134431, AA046904, H05571, R11919, W79925, R11987, R55079, R84811, R53363, H10691, F11225, AA354088, R22842, R19546, AI803682, AI198775, AA452378, AA040404, AI150653, AA307589</p>
1237	HNTRA39	875845	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 785 of SEQ ID NO:1237, b is an integer of 15 to 799, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1237, and where b is greater</p>	<p>AI889332, AI628477, AI275204, AI633956, AW079861, AW118929, AA911538, AI342851, AW300007, R91897, AI623866, AW204145, L44538, AA011077, AI648696, AI914833, AI521684, X62311</p>

1238	HCRPW33	875846	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 705 of SEQ ID NO:1238, b is an integer of 15 to 719, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1238, and where b is greater than or equal to $a + 14$.</p>	AA315737, AA476814
1239	HFCF137	875848	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 325 of SEQ ID NO:1239, b is an integer of 15 to 339, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1239, and where b is greater than or equal to $a + 14$.</p>	AL120789, AC003007, AC005632
1240	HCQCL72	875849	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 215 of SEQ ID NO:1240, b is an integer of 15 to 229, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1240, and where b is greater</p>	AI817147, AA907222, H51868, AA281655, AA361371, AI301198, AA911728

1241	HCQCT09	875850	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 1061 of SEQ ID NO:1241, b is an integer of 15 to 1075, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1241, and where b is greater than or equal to $a + 14$.</p>	<p>AW021240, AA535264, AA149863, AA694163, AI422346, AI472109, AI811633, AA931734, AI419485, AI302192, AI288249, AA410584, AI418912, AI049618, AI089786, AA911728, AA149808, AI700267, AI299240, AA501370, AI814823, AA232714, AI865849, AA232212, AA825451, AI718827, AI281840, AA932086, AI283229, H60430, AI471234, H60476, AA631685, AA576637, AI301198, AI949336, AA368973, AA236013, C01314, AI860871, AA361371, AA281786, AA327052, AA907222, AI857607, AI817147, AA281655, AA411619, H51868</p> <p>AC006512, U47924</p>
1242	HCRMR12	875851	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 322 of SEQ ID NO:1242, b is an integer of 15 to 336, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1242, and where b is greater than or equal to $a + 14$.</p>	
1243	HCIAE18	875852	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 738 of SEQ ID NO:1243, b is an integer of 15 to 752, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1243, and where b is greater</p>	<p>AA524300, AI732383, AA570296, AI732336, AA515389</p>

1244	HBFHU39	875855	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 750 of SEQ ID NO:1244, b is an integer of 15 to 764, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1244, and where b is greater than or equal to $a + 14$.</p>	<p>AI271571, AA452037, AI424866, AA423988, AA483361, AI266636, AA742931, AI266634, AA424028, AA702780</p>
1245	HCQAW29	875856	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 354 of SEQ ID NO:1245, b is an integer of 15 to 368, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1245, and where b is greater than or equal to $a + 14$.</p>	<p>R33721</p>
1246	HBMDM3 3	875858	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 497 of SEQ ID NO:1246, b is an integer of 15 to 511, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1246, and where b is greater</p>	<p>AA857451, AA857804</p>

1247	HKLSD32	875863	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 417 of SEQ ID NO:1247, b is an integer of 15 to 431, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1247, and where b is greater than or equal to $a + 14$.</p>	AA405791, AI524014, AI380383, AW082968, AW342068, AA911893, AI824001, AI692746, AI433518, AI949654, AW170143, AI277105, AI266424, AI272885, AI318386, AI937056, AW058565, AW028276, AI075130, AI632588, AI393303, W99355, AI470310, H87135, AI807925, AI027883, AI695062, AI277524, AI201665, AA099404, AI471922, AA384650, AA364750, AA099465, AI359471, AI961082, AW338912, AW302395, AI702221, AW059776, D20616, AF086516, AI653206
1248	HYACE34	875864	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 2044 of SEQ ID NO:1248, b is an integer of 15 to 2058, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1248, and where b is greater than or equal to $a + 14$.</p>	AI492300, AA155864, AI336122, AA507001, AI805390, AA213868, AA504365, AI805573, AI267513, AA480597, N28434, AA829763, H86647, W99382, R82575, AA213776, AW402251, AI277875, AI220789, AA405669, AA281807, AW023046, AA025280
1249	HNTTC18	875865	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 929 of SEQ ID NO:1249, b is an integer of 15 to 943, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1249, and where b is greater than or equal to $a + 14$.</p>	AL041644, AI652238, AI125934, AI972064, AI373883, AA401082, AA403146, AA587259, AW152027, AA648691, AA632889, AA572909, AA528434, T52508, T04918, T63002, AI625085, AI817337, AA922661, AA091326, M27878

1250	H2CAA34	875868	<p>than or equal to $a + 14$. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 2217 of SEQ ID NO:1250, b is an integer of 15 to 2231, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1250, and where b is greater than or equal to $a + 14$.</p>	<p>AA913891, AA071067, AW247518, AA125853, R56714, AA576929, AA307834, AA204972, AA445946, H98812, AI028402, AA127005, AA223811, AA101503, R72151, H53723, H06566, H29389, AA182597, AA126153, AA232436, AA306744, T35189, AA164773, AI458548, T70821, R10266, Z21129, AW386767, AA436573, AI610191, H29413, AA301432, AA724488, AW449887, AI242268, AI525912, AW368592, AW377757, AW390796, AA344660, AA307848, AA715437, AW361336, AI248847, AL040968, AA938368, AW361341, AA676800, AW368596, Z21101, AW451729, AF191018, Z94761</p>
1251	HWLQA33	875871	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 398 of SEQ ID NO:1251, b is an integer of 15 to 412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1251, and where b is greater than or equal to $a + 14$.</p>	<p>AA436794, R09306, AA384577, AC006211</p>
1252	HCQCT65	875874	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 402 of SEQ ID NO:1252, b is an integer of 15 to 416, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1252, and where b is greater</p>	

1253	HWHP150	875884	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 2721 of SEQ ID NO:1253, b is an integer of 15 to 2735, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1253, and where b is greater than or equal to $a + 14$.</p>	<p>AW026114, AW418826, AW341657, AA910088, AI860171, AW190146, AI700326, AI089966, AI670850, H18740, AI093699, AI159857, AA996095, AI401266, AI240251, AW242162, AA594503, AI056938, AI864216, AA506903, AA426024, AA724498, AI263294, T75461, Z43179, AA443290, H25984, AA514196, R61755, AA526102, AA476713, F13159, T19223, Z39262, AA705253, AA609888, AA659875, F02603, R34659, AA319603, AA759148, R49189, AI538091, F13136, R61756, R21716, AA300990, F06309, F10761, AI865079, AW337918, AI889018, AA834239, AA096413, AI242996, F06308, H18653, AA774400, R46606, AW382812, N53750, AW382785, AL121653, AL121658 AI703451</p>
1254	HCRQD12	875886	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 679 of SEQ ID NO:1254, b is an integer of 15 to 693, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1254, and where b is greater than or equal to $a + 14$.</p>	
1255	HNHHM31	875888	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 448 of SEQ ID NO:1255, b is an integer of 15 to 462, where both a and b correspond to the positions of</p>	<p>AA644044, AW135276, AA887861, AW137420</p>

1256	HCRQG23	875891	<p>nucleotide residues shown in SEQ ID NO:1255, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1023 of SEQ ID NO:1256, b is an integer of 15 to 1037, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1256, and where b is greater than or equal to a + 14.</p>	<p>AI022242, AW410996, AI800815, AI814040, AW264268, AA191425, W72080, W94651, AW015105, AA443454, AA443318, AW410985, AI597605, AW273210, AW250450, AW411145, AI190182, AA993201, AA403278, AA430513, W94612, W96124, N54325, AI357461, AA190985, W77863, AA643738, AL120980, AA113214, AA858265, AA993185, AI375010, AI498876, AA829321, AA701490, AA132962, AA287691, AI277849, AI301164, AA251325, AW015857, AA403106, W60258, AA084833, AI253793, AA775859, W05830, AA243176, AI038024, AA766410, AA805677, AI049993, AA775554, AI039481, H80596, AA196760, AA430648, AA804241, N77873, W96125, R69970, H80623, AI219581, H67651, AA190668, C01701, AI352459, AI275174, AA732213, AA128877, H30387, N23878, T12121, AI015455, H80540, AI220709, H67511, H18761, AA485022, AA251518, AA243193, AA505285, AA779102, H82765, AA570290, H52438, H67114, H71899, R69971, H52437, AA187869, AA505681, H67510, AA626883, AA232342, H71112, AA995473, AA456466, AI142314, H80657, AA454572, AA213633, AL119457, AL119399, AL119324, AL042544, AL134524, AW392670, AL119484, AL119439, AL119443, Z99396, AW372827, AL119391, AW363220, AL119319, AL134530, AW384394, AL119522, AL134519, U46347, AL119497, U46350, AL119363, AL119418, AL134528, AL119483, U46351, AL119355, U46349, U46341, AL119341, AL119335, AL119396, AL119444, AL119464, AL119496, AL043003, AL037205, AL042614, AL119401, U46346, AL134525, D21063, D83987, X67334, AF004105, D86725, AR060234, AR066494, A81671, AB026436, AR054110,</p>
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1257	HKLSB39	875894	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1257 of SEQ ID NO:1257, b is an integer of 15 to 1271, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1257, and where b is greater than or equal to a + 14.</p>	<p>AR069079, AR043113 AA595346, AA243787, AA024609, AA024578, AA076356, AA076467, AA760927, AI272832, AA243135, H17412, F06362, R25565, AI829044, AA400326, T26645, AA243569, AW020146, AI744718, AW384427, AA768909, AA743098, T77293, AA024577, AA723998, U35376, D70831, AC002519, AF038179, AA400327</p>
1258	H2CBN05	875897	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 835 of SEQ ID NO:1258, b is an integer of 15 to 849, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1258, and where b is greater than or equal to a + 14.</p>	<p>AA307799, AW292094, T70856, AI161296, AA235668, AW296027, AI699099, AI693823, AI693216, AI992018, AA115026, AI681528, AA136109, AA732568, AA776036, AA643914, AA258666, AA416754, AI061590</p>
1259	HCQDT85	875899	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 608 of SEQ ID NO:1259, b is an integer of 15 to 622, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1259, and where b is greater</p>	<p>AI500310, AI672249</p>

1260	HARAJ31	875900	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 457 of SEQ ID NO:1260, b is an integer of 15 to 471, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1260, and where b is greater than or equal to $a + 14$.</p>	AA317663, Z65370
1261	HCRMQ35	875904	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 633 of SEQ ID NO:1261, b is an integer of 15 to 647, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1261, and where b is greater than or equal to $a + 14$.</p>	AI589507, AW009664, AA703098, AI453542, AA532750, N67298, AI148172, AI095316, AA708739, AW022231, AI601197, AI457493, AI580184, AA922944, AI922763, AI023347, AI096333, AA633368, AW023348, AA477261, AA693591, AI870748, AW274004, W78756, AI298179, W78055, AI057523, AI126504, AI248086, AA873476, AI679385, AI679894, AI190295, AW073346, N21034, AA039311, N22989, AA508686, W80491, W86880, AI361360, AI540214, AA938881, W79149, AW368422, AI432392, AI078371, R61323, AA039411, AA932937, AA829705, AW073773, AA002095, N67361, H59053, AA076438, AA535629, AA912096, W21314, AA610431, AI936749, T66278, AW405920, F12299, N44193, AA508849, AA884012, AA890651, W81519, N93501, AA480270, C00277, R38195, AI332894, T16604, W21320, R44910, N78644, AI478709, AI125999, AI590819, AA558779, AI300933, AW263399, AI085918, AA974965, AI741413, N93508, W81635, AW194811, N93088, AI630149, R56244, W24742, AW205755, AA991876, AI972554, AA004362, AI989930, AI760486, AI491861, AI581783, AA991538, AI969278, Z39245, AI650517, AW361735,

1262	HMUBG30	875905	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 822 of SEQ ID NO:1262, b is an integer of 15 to 836, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1262, and where b is greater than or equal to a + 14.</p>	<p>AW361839, U90904, AI242039 AA459525, AA402831, H93300, W45229, AC004806, AC004056, AL031116</p>
1263	HCQAH30	875906	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 298 of SEQ ID NO:1263, b is an integer of 15 to 312, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1263, and where b is greater than or equal to a + 14.</p>	
1264	HWDAB30	875907	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 176 of SEQ ID NO:1264, b is an integer of 15 to 190, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1264, and where b is greater</p>	<p>AF161019, AJ131890</p>

1265	HCQAM30	875908	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 557 of SEQ ID NO:1265, b is an integer of 15 to 571, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1265, and where b is greater than or equal to $a + 14$.</p>	AA431300, AW450428, AI688064, AI768150, AI123686, AW242691, AI052046, AA890607, AA758061, AA609531, AI797591, AA723978, AA934785, AA431657
1266	HAGEA31	875912	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 1460 of SEQ ID NO:1266, b is an integer of 15 to 1474, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1266, and where b is greater than or equal to $a + 14$.</p>	AA305680, H64054, AA159569, AA378423, AA321559, AA237093, AL117344
1267	HCROZ66	875913	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 1391 of SEQ ID NO:1267, b is an integer of 15 to 1405, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1267, and where b is greater</p>	AI823992, AW082308, AI816135, AI589007, AI566535, AW272765, AA766315, AW242239, AA279943, AI816094, AI014927, AI038579, AA578848, AI476548, AI354483, AA973322, AA992180, AI392988, AA327978, AA769228, AA506076, AI653752, AI370562, AA172248, AA343765, AI282882, AA279942, AA506075, AL137710

1268	HDPBY50	875914	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1439 of SEQ ID NO:1268, b is an integer of 15 to 1453, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1268, and where b is greater than or equal to $a + 14$.</p>	AI819116, AW372211, AW372198, AI583182, AA176112, AW134519, AI628367, AI478195, AA143793, AI394104, AI697987, AI675294, AW390678, AI768078, N24394, AA101252, AI830602, AI628409, AI438987, AI810299, AA020980, R22198, AI890121, AI671411, AA733134, H44639, AA581997, AI862828, AW139467, AI866902, AA857679, H97045, AA465732, AA340274, AA974904, AA731664, AA494109, AI811317, AI338111, R78337, H99145, AI200103, AA291168, AA731663, AA327229, AW363178, AA021065, D79177, R77963, R22252, AI581618, AA026878, AA501786, AA216611, W32118, W31626, H43598, AA148177, AA730560, AI472513, AA465134, C75353, C01240, AA978055, AW369487, AA731711, AI538764, AA731241, AL042191, AW193620, AW025279, AI096771, AW243451, AW150750, AW029457, AI537187, AI421662, AI571442, AI224373, AI433611, AI491710, AI696583, AA830333, W45039, AI927233, AI671429, AI370623, AW021717, AW150214, AI095530, AI289791, AA613255, AW089379, AW020455, AL045859, AW168700, AI678681, AL040011, AI633125, AW194014, AI351737, AI831938, AI499325, AI491852, AI699020, AI678446, AI468622, AI932660, AI886355, AI952797, AI696714, AI817733, AI889449, AI309306, AW080157, AW087837, AA761557, AI656270, W38553, AW167926, AI493836, AW021662, AW002327, AI524139, AW089844, AA630788, AI954721, AI568293, AA760851, AI470717, AI342210, AA954134, AI445620, AW163834, AI613038, AI623835, AW410842, AW083750, AW023871, AA923096, AI867017, AI368579, F36855, AI886452, AI680369, AI658566, AI801325, N22276, F37323, AA829775, AI923989, AI690813, AI538885,
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1269	HDTKD18	875915	<p>AI866469, AL042593, AI648699, AA814517, AW293496, N25033, AW151136, AW051898, AW183620, AW193125, AI638644, AI862896, AP000501, AL133047, AL080234, AL050116, AL137271, AB007812, E03348, E03349, AL117587, AC005886, AF118094, AF013214, E12747, A65341, AF115392, AF047716, AF124728, AL117460, AJ005870, I25851, I33984, AL133067, AF002672, AR022283, AL137258, AL050172, AL137533, AF185614, I89947, AC002287, AC004690, AJ005690, AR038854, AR050959, AR012379, X93495, AF000167, AC002540, M85164, AL133015, AL137548, A18777, Y14314, AF126372, E04233, AF200464, I09499, AL133619, AL133084, I22020, AF036941, AR062106, AL023657, AL137641, S77771, X84990, AL137711, X72889, AF161418, AL137650, AF008439, S59519, AL133016, U37359, AL133371, AF054289, AF095901, A41579, AL133665, AF100931, X66862, AL137478, AL080159, AF136009, AL122100, AF199027, AR034821, S82852, A03736, AF102578, Z97214, S65585, A08907, AR020905, AR066485, X70514, U96683, S83440, AF032666, X00861, AC018767, X61399, AF044323, U36585, AL137292, AJ012755, AF182215, AC006013, AF098484, AL050024, AB031064, AL133088, AL049423, AR059958, X68560, AF124435, U72620, AL117649, X06146, AF090901, AL049276, AL049447, AF038847, AF107847, AR029490, E12806, AL137716, AL137495, X99971, AF150103</p>
			<p>AI866469, AL042593, AI648699, AA814517, AW293496, N25033, AW151136, AW051898, AW183620, AW193125, AI638644, AI862896, AP000501, AL133047, AL080234, AL050116, AL137271, AB007812, E03348, E03349, AL117587, AC005886, AF118094, AF013214, E12747, A65341, AF115392, AF047716, AF124728, AL117460, AJ005870, I25851, I33984, AL133067, AF002672, AR022283, AL137258, AL050172, AL137533, AF185614, I89947, AC002287, AC004690, AJ005690, AR038854, AR050959, AR012379, X93495, AF000167, AC002540, M85164, AL133015, AL137548, A18777, Y14314, AF126372, E04233, AF200464, I09499, AL133619, AL133084, I22020, AF036941, AR062106, AL023657, AL137641, S77771, X84990, AL137711, X72889, AF161418, AL137650, AF008439, S59519, AL133016, U37359, AL133371, AF054289, AF095901, A41579, AL133665, AF100931, X66862, AL137478, AL080159, AF136009, AL122100, AF199027, AR034821, S82852, A03736, AF102578, Z97214, S65585, A08907, AR020905, AR066485, X70514, U96683, S83440, AF032666, X00861, AC018767, X61399, AF044323, U36585, AL137292, AJ012755, AF182215, AC006013, AF098484, AL050024, AB031064, AL133088, AL049423, AR059958, X68560, AF124435, U72620, AL117649, X06146, AF090901, AL049276, AL049447, AF038847, AF107847, AR029490, E12806, AL137716, AL137495, X99971, AF150103</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1339 of SEQ ID NO:1269, b is an integer of 15 to 1353, where both a and b</p>

1270	HHPGT16	875923	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1269, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1555 of SEQ ID NO:1270, b is an integer of 15 to 1569, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1270, and where b is greater than or equal to a + 14.</p>	<p>AI307250, AI271439, AI650441, AI017475, AI251828, AI672237, AI374969, AI350623, AI334985, AA483351, AA251224, AI146704, AI000570, AA442545, AA629033, AW002826, AA489129, AI491723, AI208598, AI886308, AW149502, D45489, AL049146, AI143491, AW020704, AW022820, AW369852, Z43342, AI221861, AA779644, AI221998, AL079690, T18542, AB002371, AL049382, AF176816</p>
1271	H2CBF28	875924	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 559 of SEQ ID NO:1271, b is an integer of 15 to 573, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1271, and where b is greater than or equal to a + 14.</p>	<p>AA461032, AA307375, AF155739</p>
1272	HCQDM28	875925	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 768 of SEQ ID NO:1272, b is an integer of 15 to 782, where both a and b</p>	<p>N30135, AI767701, AI633623, AI140698, AW269969, N34283, AA610009, T65377, AA535713, AA135305, AA904500, AI271558, AW043844, AW168046, R42844, AA830555, H20852, N51615, AW168340, AA779492, D29317, AW149189, T77049, AA910171, AA679759, AI262864, H22970, H08110, AA136386, R40094, F09407, T15987, T35272, AI470445, H08109, AA361165, H20903, R21459, H22760, R14782,</p>

		correspond to the positions of nucleotide residues shown in SEQ ID NO:1275, and where b is greater than or equal to a + 14.	AW134514, AA362770, AI738910, AA931551, AA856757, AW079224, AA856766, R99371, AI431703, AW023137, AA525926, AI784057, AA844907, AW168420, Z94056, AC007160, AC005874, AF134471, AL049872, AC007263, AC007064, Z97055, AC006480, AC005799, AC005616, AC006088, AC004707, AL035408, AC002375, AC010206, AL024507, AC004702, AC005102, AC004679, AC007376, AC004542, AC005011, AC005207, AL117338, AL031767, U91318, AC005953, AC005036, AP000111, AP000043, AC005477, AC005228, AL031665, AL035414, AC005578, AC004791, AP001053, AC007276, AC004921, AL133289, AC006387, AF001549, AC004887, AC006582, AB020863, AL139054, AC005993, AL109837, AL132774, AL035686, AP000108, AP000040, AC004862, Z98744, AC003007, AC007880, Z95126, AC011604, AE000661, AC005013, AC005295, AL049869, U82670, AC007225, AL022326, AL031681, AC004605, U85196, AC007402, AC009501, AL034420, AC003964, AC007546, Z99496, AC009946, AC006059, AP000509, AC005145, AC004976, AC005095, AC002384, AL049743, AL121578, AL078593, AC008115, AL121657, AC007510, AP000240, U80460, AC007773, AC005792, AC005482, Z98043, AE000659, AC004817, AL022100, AL035089, Z82245, AC005547, AC004825, AL035608, AC003991, AL078475, AC004510, AL022727, AC012627, AB003151, AC006167, AC005027, AB004907, AC005878, AL096711, AC004029, AP000511, AF111169, D84394, AP000688, AC011456, U50871, AP000280, AL109985, AC004838, AL035420, AC002390, AC002299, AB023050, AC002992, AC003037, AP000107, Z99715, AC004185, AC006137, AP000039, AL109956, AL109654, AF015416, AC007380, AC006040, AC004067, AC006204, AL049564, U85198, AC004859, AC004896, AC006536,

1276	HAAAC11	875933	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 836 of SEQ ID NO:1276, b is an integer of 15 to 850, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1276, and where b is greater than or equal to a + 14.</p>	<p>AP000131, AP000209, AC002464, AC004700, AC003670, AF207955, Z79996, AP000283, AC002289, U95740, AC004002, AC006928, AC007058, U52112, AC007240, AC005380, AL121591, AL109938, AC005731, AL035069, AP000282, AC004106, AC006991, AC004911, AF002993, AP000501, Z69712, AF096876, AC002331, AL023805, AC007450, AC006048, X96421, AC005483, AP000201, AL034554, AC005138, AF165142, AP000097, AC007280, AC004472, AC007024, AC004409, AP000248, AP000144, Z92547, AL031053</p>
1277	HNHOI84	875934	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 486 of SEQ ID NO:1277, b is an integer of 15 to 500, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1277, and where b is greater than or equal to a + 14.</p>	<p>AI539783, AW022097, AA489755, H10506, AA489648, AC004702</p>
1278	HRABT72	875935	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 486 of SEQ ID NO:1277, b is an integer of 15 to 500, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1277, and where b is greater than or equal to a + 14.</p>	<p>AA417136, H78660, AW292282, AC000378</p>

1279	HWLEG68	875936	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 547 of SEQ ID NO:1278, b is an integer of 15 to 561, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1278, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1653 of SEQ ID NO:1279, b is an integer of 15 to 1667, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1279, and where b is greater than or equal to a + 14.</p>	<p>AW377286, AA877900, AW374882, AW374986, AW363009, AW374838, AI791951, AW374892, AI431674, AW374858, AW363038, AW363010, AI821099, AW374992, AI940416, AW374993, AW375002, AI821845, AA633302, AW374878, AW363039, AW274215, AI732655, AI573096, AW374894, AA581944, AW191851, AW451240, AI360701, AI273759, AI280846, AW451809, AA053660, AW452362, AW293665, AA535532, AI620830, AA961152, AA582019, AA053763, AA295334, AI318604, AI278909, AW374321, AW080947, AW351525, AA376765, AA366856, AW191847, D25711, AA377129, AA601073, T24571, AW376784, AW376582, AI708873, AW243603, AI991190, AW376686, AW376776, AW376658, AI828388, AW291776, AW006478, AW193257, AW376625, AI254661, AW376692, AI458795, AW376516, AW364147</p>
1280	HSIDV66	875937	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 443 of SEQ ID NO:1280, b is an integer of</p>	<p>AI431674, AW376784, AW376582, AW376686, AW376658, AW376776, AW451240, AI360701, AW452362, AW451809, AA535532, AW376625, AA961152, AI648663, AI284509, AL042628, AI815855, AI476109, AW150578, AL045266, AI866002, AI866573, AL041772, AW084219, AI289937, AI274769, AI863240, AI250663,</p>

		15 to 457, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1280, and where b is greater than or equal to a + 14.	AI364788, AI433976, AW051107, AI620284, AI590120, AL045500, AI433157, AI560099, AI539771, AI345608, AI521012, AI537677, AW083804, AI521560, AI500659, AI801325, AI500523, AI284517, AI500706, AI491776, AI445237, AW151138, AI500662, AI273142, AI633493, AI434256, AI284513, AI888118, AI868831, AW149227, AI828731, AI619716, AW082040, AW102785, AW103893, AI561299, AI608676, AI886124, AI554218, AW079159, AI269862, AI612759, AI867042, AI888953, AI280661, AI537617, AI919345, AA427700, AI537515, AI349598, AI251830, AI873644, AI366549, AI636719, AI340582, AW103371, AL042551, AI611743, AI500039, AW161579, AI955906, AI872711, AI571909, AI801322, AL043326, AL040243, AW162071, AI284131, AI433037, AI174394, AI923768, AI888661, AW268220, AL119863, AI334450, AI340603, AI498579, AI445165, AL036759, AW023590, AW302988, AI687065, AI446003, AW074993, AI224992, AW059837, AI251205, AI696626, AI344935, AI678762, AI539153, AI610645, AL036214, AI828367, AW262565, AI439762, AL120853, AW087445, AI499986, AI633419, AA225339, AI538716, AI689420, AW301300, AI097248, AI453322, AI815232, AI269696, AW190042, AL079963, AI922676, AI680498, AW071417, AI963216, AI348897, AW082594, AL119791, AI922901, AI282326, AI888944, AW088134, AI589993, AI648684, AI687465, AW022682, AW403717, AW167410, AW129106, AI800453, AI800433, AI468872, AI866608, AW238730, AW088903, AI829327, AW081255, AI308032, AI889189, AI497733, AI308035, AI275175, AW169653, AL038605, AA640779,
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1281	HWAAD15	875938	Preferably excluded from the	AL133075, AF158248, X93495, U72620, A93016, AF118094, AF113694, X82434, AL050024, AJ000937, AL049464, E02349, AL050277, AL137459, AL117460, E07108, AF090900, AL117457, L31396, U42766, AL133606, AL137521, L31397, X96540, A58524, AL049452, A58523, AL137550, U00763, AJ238278, AL050108, AL080124, AL117394, X63574, I03321, AF017437, AF113677, A77033, A77035, I33392, AL137271, AF113691, AL080127, AL050149, AF125948, AL117435, X72889, AF090943, AL096744, AL110225, U80742, AL050138, U91329, AL122110, AL137283, AL049938, AL137648, A12297, X70685, AL133113, U35846, A03736, X65873, AL080159, I42402, AL133072, E15569, A08912, I09360, AF087943, AL049283, AL110197, U67958, X98834, E08263, E08264, AF067728, AL137523, AR000496, U39656, I26207, AL122049, AL133077, AL050172, A93350, AJ012755, AL133104, AF111112, A07647, AF119337, AL137560, AF003737, AL137556, AF153205, Y14314, AL133014, AF000145, AL110280, AF026124, AL133568, AF185576, AF026816, AF162270, AL117440, AR038854, Z72491, AF106827, U96683, AF057300, AF057299, S61953, E04233, L30117, AL117432, AL137476, I17767, AL137273, AL122111, Y09972, E02221, AR038969, A90832, AL133067, AL137526, A08911, A45787, AL133098, AF079763, AL137480, AR013797, I00734, U78525, L19437, X87582, E00617, E00717, E00778, AC006112, AC004093, X62580, Z37987, AL080074, AJ006417, AC004878, M30514, X92070, AL080086, E05822, AF067790, AF095901, AL137478, U68387, AL122118, AL050092, E08631, Y07905, U49908, U58996, AC006336, AL022147, AF210052, AF111849, AL137705, AF132676, AF061836, AL023657, AL137533, AL137292, AF008439, AF100931 AI479334, AW438880, AI969482, AA740980,
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1282	HUFFD27	875939	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 709 of SEQ ID NO:1281, b is an integer of 15 to 723, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1281, and where b is greater than or equal to a + 14.</p>	<p>AI151466, AI670122, AA877322, N63143, AI422330, AA694453, AA766111, AI277749, D20155, AI633803, AA910174, AW002649, AF102851</p>
1283	HWLMZ30	875940	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 317 of SEQ ID NO:1282, b is an integer of 15 to 331, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1282, and where b is greater than or equal to a + 14.</p>	<p>T81216</p>
1284	H2LA189	875941	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 333 of SEQ ID NO:1283, b is an integer of 15 to 347, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1283, and where b is greater than or equal to a + 14.</p>	<p>AW295800, AW449384, AI341114, AA886955</p>
			Preferably excluded from the	AA314048, D80168, D59695, D80949, D52291.

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 904 of SEQ ID NO:1284, b is an integer of 15 to 918, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1284, and where b is greater than or equal to a + 14.</p>	<p>C14298, D51079, C14227, AW360780, C14407, D81111, D80064, D80290, D59927, D59627, D80227, D59502, D59859, D80269, D80195, D51799, D58283, D80166, C14331, C15076, D59467, D51423, D59619, D80210, D80391, D80164, D59275, D80240, D80253, D80193, D81030, D80043, C14389, AW352172, D80212, D80022, D57483, D80038, D80378, D80196, D80188, D80219, D50995, D59787, AW377661, D59889, D59610, D50979, D80366, D80045, D80024, D80241, AA305409, F13647, AI557751, T11417, C06015, Z21582, D58101, C75259, D51060, C14014, D80258, D59503, AA514188, D51022, AA305578, D58246, D51213, D45273, T03048, AW377669, AI557774, D80248, D80014, D80228, T02974, C16955, D59484, D52059, D81026, AA514186, C05695, AI535686, D80268, Z33452, D80302, AA514184, D80439, D80522, D80133, D80251, D80247, T03116, AI535961, H67854, H67866, AA027769, D51103, AI525216, AI525228, D51053, T02868, AI525969, C03092, D59373, AA809122, N66429, D51759, C14973, D59551, D31458, C14344, D59317, D80157, C04682, D51221, D59474, Z30160, AI525238, D59653, C14046, C13958, H67858, AI525242, AI525222, C14957, D60010, AI525923, D45260, AI525920, AA305720, AF048722, AB006320, AF048720, AF048721, AJ222971, AF048724, U69961, U70132, AB006321, AF048723, U80010, AF039832, U80036, AJ222972, U80011, AF076640, AF077092, AF155206, AF217647, AF063935, AB010386, I82448, A84916, AJ132110, A62300, A62298, AR016808, AR018138, AF058696, I82446, U37689, X64588, AR008278, AB028859, I81198, AB019242, A47134, A82595, AR060385, I14842, AB002449, I79511, AR054175, AR008277, AR008281</p>
1285	HSPBY20 875942	<p>Preferably excluded from the present invention are one or more</p>	<p>AW237287, AW363468, AW363480, AW363473, AW363477, AA121686, AW363466, W72522, AI828975,</p>

			<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3197 of SEQ ID NO:1285, b is an integer of 15 to 3211, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1285, and where b is greater than or equal to a + 14.</p>	<p>AI559999, AI804778, AI674566, AI129403, AA533052, AA527974, AI363501, AA143578, W51847, AW300353, AI831152, AA143579, AI741918, AA039996, W51848, W76081, AW117710, AI168002, AA311143, AA441903, N31268, AI884441, AI632722, AI869640, AA811715, AA505929, AW304874, AA847969, N59481, AA559159, AI695051, AA112361, AA558272, AA000001, AI720005, AI039160, AA039941, AI342286, AI497588, T06998, AA631737, AI571810, W80521, AA861746, AI985608, W80522, AI869233, AA902266, AA358008, AI301584, AA988922, AA706417, AW363471, AI460367, W81055, Z44588, AI276195, AA995745, AA370238, AI471184, AI358624, W93499, AA731776, AA225687, Z25022, R93719, Z33579, R93772, N22881, AA813411, R96999, T34389, AA442009, AW363465, AI707586, AA992785, AA329788, AW363476, T63311, C03451, AA527798, AW293240, AW363475, AW196088, T59616, C00776, T59728, Z28725, R96942, AI401471, AI985365, AA090503, H89254, AA091375, N76452, AA084311, AI121286, AA416534, AA635126, H25949, AA247310, N72061, N76425, T10848, AI868319, U95742, AC007216, AC007226</p>
1286	HE2DS24	875946	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 776 of SEQ ID NO:1286, b is an integer of 15 to 790, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1286, and where b is greater than or equal to a + 14.</p>	<p>AI436213, AI376989, AW272461, W67633, AW103191, AI460071, AI339966, AA309909, AI382859, AL035070</p>
1287	HSLFO26	875950	<p>Preferably excluded from the</p>	<p>AA353689</p>

1288	HCQAH22	875951	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 377 of SEQ ID NO:1287, b is an integer of 15 to 391, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1287, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 378 of SEQ ID NO:1288, b is an integer of 15 to 392, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1288, and where b is greater than or equal to a + 14.</p>	<p>F12035, H11818, T65663, H07096, H06077, F12478, R17257, T74513</p>
1289	HHEYK87	875952	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 115 of SEQ ID NO:1289, b is an integer of 15 to 129, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1289, and where b is greater than or equal to a + 14.</p>	
1290	HCRQN90	875954	Preferably excluded from the	<p>R05444, R05547, H24799, N24201, N28584, N31653,</p>

1291	HCQDT05	875955	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 430 of SEQ ID NO:1290, b is an integer of 15 to 444, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1290, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 659 of SEQ ID NO:1291, b is an integer of 15 to 673, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1291, and where b is greater than or equal to a + 14.</p>	<p>N34107, AA193424, AA251321, AA251589, AA278204, AA287679, AA286744, AA494343, AA732455, AA740478, AA812121, AA814394, AA830316, AA877099, C04694, AA397959, AA435871, AA437027, AA442854, AA449086, AA449518, AA431365, AA732757, AA757686, AA759030, AI074034, AI082779, Z25143, Z28808, AI341874, AI141529, AI143886, AI149785, AI290312</p> <p>AI681892, AA861619, AI693051, AA009602, R67318, AC004908, AC000386</p>
1292	HACBI44	875967	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 358 of SEQ ID NO:1292, b is an integer of 15 to 372, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1292, and where b is greater than or equal to a + 14.</p>	
1293	HHEWX30	875971	Preferably excluded from the	AW177053, T85527, H66913, H53191, N78201,

1294	HCQCL24	875972	present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1190 of SEQ ID NO:1293, b is an integer of 15 to 1204, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1293, and where b is greater than or equal to a + 14.	AW377523, AA234861, H51769, AA007382, AI783820
			Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 460 of SEQ ID NO:1294, b is an integer of 15 to 474, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1294, and where b is greater than or equal to a + 14.	H81368, R11282, T98326, AC006077
1295	HE8NK61	875974	Present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 436 of SEQ ID NO:1295, b is an integer of 15 to 450, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1295, and where b is greater than or equal to a + 14.	AC005007
1296	HWLCA48	875976	Preferably excluded from the	AI005521, AI810382, AI659500, W92352, AI933284,

1297	HUCOR05	875982	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 379 of SEQ ID NO:1296, b is an integer of 15 to 393, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1296, and where b is greater than or equal to a + 14.</p>	AA812596, AI400309, AW197587, AW192260, AI949417, W92316, AA722528, AI499349, AW300547, AW025996, AW172287, AW117376, AA194825, AI148427, AW292395, AA903846, AI018563, AI493973, AI082262, AI344368, AI765916, AA879432, AA961861, AW236495, AA912973, AI597682, AA459703, AI207327, N30720, AA936502, AI709271, AA877895, AA687402, AI420803, AA687115, AA504275, AI749696, AI472028, AA149279, AI383228, AI242850, N79884, AA149265, AI352279, AI363025, AA576875, AA809139, AI246634, AI439699, AI143444, AI918503, AI768616, AI970288, AA411377, N62978, AW351635, AW177011, AW167933, AI380451, AA836154, AW274680, W39570, AW170172, AA689438, AA406308, AA535797, AI283454, N30079, AL119324, AL119457, AW392670, Z99396, AW372827, AL119363, AW384394, AL119319, AL042544, AW363220, AL119497, AL119391, AL119484, AL119522, U46351, AL119355, AL119496, AL119443, AL119418, AL119399, AL119341, AL119483, U46341, AL119396, U46349, U46350, U46347, AL037205, AL119335, AL119401, AL119439, AL119444, AL134531, AL134525, AL134536, U46346, AI142131, AL042614, AL042965, AL042984, AL134538, AL043019, AL042975, AL134902, AI142132, AL043029, U46345, AL039851, AL042542, AL042450, AL042551, AL043003, AL119464, AF126743, AR066494, AR060234, A81671, AB026436, AR054110, AR069079 AI888086, AI962990, AI983535, AI597764, W60854, AI368836, AI808836, R49083, D60229, AI039175, R69837, R69838, AI277306, AA489467, AI498566, H28639, AA165333, C14571, AA094632, AA918475, AL096773
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 613 of SEQ ID NO:1297, b is an integer of</p>	

1298	HWAIC77	875983	<p>15 to 627, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1297, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 367 of SEQ ID NO:1298, b is an integer of 15 to 381, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1298, and where b is greater than or equal to a + 14.</p>	AI472111, AI288509, AA453203, AA454170	
1299	HWMBG8 0	875984	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 495 of SEQ ID NO:1299, b is an integer of 15 to 509, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1299, and where b is greater than or equal to a + 14.</p>		
1300	HTXFU22	875989	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 438 of SEQ ID NO:1300, b is an integer of</p>	AA226318, AI734064, AI732089	

1301	HCQDO49	875990	<p>15 to 452, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1300, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 525 of SEQ ID NO:1301, b is an integer of 15 to 539, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1301, and where b is greater than or equal to a + 14.</p>	AI491942	
1302	HDPOZ22	875991	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 418 of SEQ ID NO:1302, b is an integer of 15 to 432, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1302, and where b is greater than or equal to a + 14.</p>	Z43549, N39489, AC004789, AC005222	
1303	HWLQA90	875994	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 407 of SEQ ID NO:1303, b is an integer of</p>	AA486226, AI590941, AA157504, AC004503, AC005006, AC005962	

1304	HATBS19	875995	<p>15 to 421, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1303, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 801 of SEQ ID NO:1304, b is an integer of 15 to 815, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1304, and where b is greater than or equal to a + 14.</p>	<p>AA129774, N45232, AA478926, AW173347, AW390310, AI803946, AI471990, AI480219, AA928879, AA478806, AI802226, AI683194, AI356830, AI400467, AI421708, AW341836, AW136439, AI928546, AI937609, AI559183, AW316851, AI457809, AI420660, AA886493, AI915161, AW339403, D12201</p>
1305	HHSF11	875996	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 515 of SEQ ID NO:1305, b is an integer of 15 to 529, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1305, and where b is greater than or equal to a + 14.</p>	<p>AI017418, AI817785, AA455094, AC005799</p>
1306	HCYBA19	875998	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 907 of SEQ ID NO:1306, b is an integer of</p>	<p>AA308922, T84214, Z43709, R05654</p>

1307	HAPQW21	875999	<p>15 to 921, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1306, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 788 of SEQ ID NO:1307, b is an integer of 15 to 802, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1307, and where b is greater than or equal to a + 14.</p>	<p>AI816929, AA743053, AA767907, AI494624, AA932213, AI830745, AA837394, AI962187, AI963297, AI962646, AI499897, AW207508, AA257988, AI889250, H62091, AI873713, AI652649, AI652588, AA412301, AA215370, AW245619, AI824020, AI208488, AI933125, AA912107, AI827787, AA470031, AW080557, AW367956, AA806884, AI611226</p>
1308	HCRND16	876001	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 365 of SEQ ID NO:1308, b is an integer of 15 to 379, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1308, and where b is greater than or equal to a + 14.</p>	<p>R86881, AA344692</p>
1309	HSPME68	876006	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1430 of SEQ ID NO:1309, b is an integer of</p>	<p>AI831502, AW135590, R80329, AI453275, H03544, AI867183, AA598849, H44114, AI864755, H92020, AA483703, H03459, AI973227, R28250, R80223, R27989, H92021, R93832, Z38639, AI807377, AW103726, AI343038, AW148303, AW302662, AI336506, AI254251, AW303238, AW268290, AI318301, AI363741, AI344795, AW411235,</p>

1310	HCRMC21	876007	<p>15 to 1444, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1309, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 339 of SEQ ID NO:1310, b is an integer of 15 to 353, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1310, and where b is greater than or equal to a + 14.</p>	<p>AW148382, AW161098, AI206899, AW118417, AA644481, Y11254, A91160, A76335, AL122098, AR068753, AR068751</p>
1311	HLWCB78	876008	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 913 of SEQ ID NO:1311, b is an integer of 15 to 927, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1311, and where b is greater than or equal to a + 14.</p>	<p>H39742, R28582, AA384999, R58373</p>
1312	HWLME80	876011	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 490 of SEQ ID NO:1312, b is an integer of</p>	

1313	HKTAB46	876012	<p>15 to 504, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1312, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 850 of SEQ ID NO:1313, b is an integer of 15 to 864, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1313, and where b is greater than or equal to a + 14.</p>	<p>AI768516, AI082809, AI804454, AW173368, AA905101, AI080483, N38942, N29489, AI500550, AA994475, AI001079, AA707368, AA593145, AA569473, AW386118, N63226, AA614464, N46512, AW272021, AI828244, AL133605</p>
1314	H2CB120	876013	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 855 of SEQ ID NO:1314, b is an integer of 15 to 869, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1314, and where b is greater than or equal to a + 14.</p>	<p>W02575, AA304931, D58283, D80188, D51423, D57483, D59859, D80043, D80166, D80253, D81030, D59619, D80210, D51799, D80240, C14331, D80212, D80022, D80195, D80219, D80391, D59275, D50979, D59787, D80227, D59502, D80366, D59889, C14389, D80164, D80196, D59927, D59610, D80269, D80024, D80038, D59467, D80193, D50995, AA305409, C15076, D80378, C14429, D80241, C75259, T03269, D80045, D51060, C14014, AW178893, AW178775, D80134, D51022, AW179328, AW177440, D51250, AA305578, D81026, AW378532, D80268, AW352158, D80522, F13647, D80949, D80248, D52291, D80251, AW369651, D59695, D58253, D51079, D80168, AW178762, D81111, AA514188, AW177501, AW352117, AW177511, C14227, Z21582, D80133, AA514186, D80064, C14298, AW360811, AI905856, C14407, AW378540, AW377671, AW375405, AW360844, AW377672, AW366296, D80132, AW360817, AW375406, AW177505, AW378534, AW352171, AW179332,</p>

AW179023, AW377676, AW178905, AW178754,
AW179024, D51097, AA285331, D80439, AW360834,
AW360841, AW352172, AI557751, AW179020, D80302,
AW352170, AW178909, AW177456, AW178906,
AW177731, D80247, AW178907, AW179019, AW179018,
AW178971, AW179017, AW179004, AW179329,
AW352174, AW179012, AW178980, AW177733,
AW378528, AW178908, AW179220, T11417, D51759,
D80157, AW179009, AW178914, AW378543, AW378525,
D51103, D80014, AW367967, AW178983, T03116,
AW352120, AW177728, AW178774, AW178781,
AW178911, AW352163, D58246, AW378539, T48593,
D58101, D59503, C06015, AI557774, D45260,
D59627, D80258, AA809122, D50981, H67854,
AI525917, T02974, AW378533, AW367950, AW178986,
AI525923, C03092, AI525235, H67866, AW177734,
D51213, C14957, D59474, AI525912, C14344,
AA514184, D59317, D51221, Z30160, AW179013,
D45273, C14973, AI525920, AI525227, AI535686,
AI525242, T03048, AW178759, C14046, D59551,
C16955, AI535961, H67858, AI525215, AW378542,
AI525925, Z33452, AI525237, A62298, AJ132110,
A84916, A62300, AR018138, AR008278, X67155,
Y17188, D26022, A25909, A67220, D89785, A78862,
D34614, D88547, AF058696, X82626, AB028859,
AR025207, Y12724, AB012117, A82595, X68127,
AR016808, A94995, A85396, AR066482, AB002449,
A44171, AR008443, AR060385, A85477, I19525,
A86792, U87250, X93549, I50126, I50132, I50128,
I50133, AR066488, AR016514, AR060138, A45456,
A26615, AR052274, Y09669, A43192, A43190,
AR038669, AR066487, AR066490, A30438, I18367,
D88507, I14842, AR054175, AF135125, AR008277,
AR008281, D50010, Y17187, A63261, AR008408,
AR062872, A70867, AR016691, AR016690, U46128,
AB033111, D13509, I79511, A64136, A68321,

1315	HWBDR92	876018	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1818 of SEQ ID NO:1315, b is an integer of 15 to 1832, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1315, and where b is greater than or equal to a + 14.</p>	<p>AR060133, AR064240, U87247, AB023656, AF123263, X93535, AR008382</p> <p>AW024416, AW238938, AW361813, AI421202, AI434791, AI309982, AI769534, AI378930, AI393963, AI492647, AA953114, AI380180, AI769524, AI420285, AI805717, AI077552, AI678958, N26060, N40424, AI190662, AI613423, AA976041, AA581509, AA776498, AI268866, AI291641, AI289100, AA186514, AI208759, AA278467, AA665834, AI341899, AA315414, W07679, H23150, AI671697, AA315695, AI961637, AA989174, AI613432, AA235080, AI127470, AA603717, R80986, H09069, AI085843, AA993834, AA235209, AI160297, N80556, AA421270, AA187209, AI205566, AW277106, H59979, W39334, AA045407, T75129, AA503424, W52459, F10405, AA421317, AA723427, AW189559, W52458, AA045301, AA256210, AA503121, H09070, AI862840, AA921301, AI819232, AA303086, H81373, H23151, W15379, AI003129, H57853, H80453, AA587453, F12797, AA811971, AA379841, R80786, AA737085, AW029021, R38552, T48991, AA565741, AA503131, AA256353, F17470, AI424220, AI431521, T48990, AI381715, AL038986, R20931, AI424511, AW361749, AA835425, AI569722, AW337583, AA558437, AA373318, AW269615, D20475, AW016289, AW014562, AI795986, AI066579, AA057708, T25034, R54035, AA626100, AI801600, T84464, AA745560, AA745431, AA076616, AF151801, AL050215, AC004983, D89937, AC004967</p>
1316	HWMBI92	876019	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 642 of SEQ ID NO:1316, b is an integer of</p>	

1317	HWMFU50	876021	<p>15 to 656, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1316, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2506 of SEQ ID NO:1317, b is an integer of 15 to 2520, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1317, and where b is greater than or equal to a + 14.</p>	<p>AI110856, AA143745, AI693023, AA151633, AA761698, AL121337, AI298472, AI018193, AW372477, AA491188, AW131073, AA505133, AA599482, AI143548, AA430400, AA151685, AA825984, AW366355, AI383751, AA613495, AA252073, AI076636, H81681, H66674, AA779949, AA885895, AA298085, AI383750, W05653, AA148124, AI074739, AI687281, H11552, AW451697, AI150645, AA041459, AI208735, H81680, AA620485, AA112748, AA976412, H00961, T31804, AA357205, AA041512, AA678631, R67964, N76147, AI468649, H11443, H00962, AI383531, Z45863, AA360936, F04726, AW074481, AA872316, AI024087, AA309629, R66877, AI702342, AA653426, AA732728, AA252105, AA490992, AA770121, N87414, AA356722, AW027385, AI434752, R58494, AI275780, AA090352, AI370532, AW390733, AA879149, AI9223615, Z21234, Z21233, AF090915</p>
1318	HCQCM19	876022	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 568 of SEQ ID NO:1318, b is an integer of 15 to 582, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1318, and where b is greater than or equal to a + 14.</p>	<p>AA715374, Z25205, AI202201</p>
1319	HBWCF70	876023	<p>Preferably excluded from the</p>	<p>AI219865, AW294721, AA431535, AW451194,</p>

1320	HCRON30	876024	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1085 of SEQ ID NO:1319, b is an integer of 15 to 1099, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1319, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 708 of SEQ ID NO:1320, b is an integer of 15 to 722, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1320, and where b is greater than or equal to a + 14.</p>	<p>AA307304, AA917679, N72093, H19317, AA868722, AA313570, AW270831, AW242483, AA306705, AA584601, AA431211, M97501, X64838</p>
1321	HCNAK16	876025	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 241 of SEQ ID NO:1321, b is an integer of 15 to 255, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1321, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 241 of SEQ ID NO:1321, b is an integer of 15 to 255, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1321, and where b is greater than or equal to a + 14.</p>	AA327228
1322	HCQDG19	876026	Preferably excluded from the	AI635818, AC007630

1323	HCQAD16	876027	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 232 of SEQ ID NO:1322, b is an integer of 15 to 246, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1322, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 325 of SEQ ID NO:1323, b is an integer of 15 to 339, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1323, and where b is greater than or equal to a + 14.</p>	AA252134	
1324	HCQAS16	876028	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 352 of SEQ ID NO:1324, b is an integer of 15 to 366, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1324, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 352 of SEQ ID NO:1324, b is an integer of 15 to 366, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1324, and where b is greater than or equal to a + 14.</p>		
1325	HGBBG01	876029	Preferably excluded from the	AA297618, AA188451, F06972, F06481, X83107,	

			<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 417 of SEQ ID NO:1325, b is an integer of 15 to 431, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1325, and where b is greater than or equal to a + 14.</p>	<p>AF045459, AC003669, AF012104, U88091, U08341, AR042423, AR044115</p>
1326	HILBF13	876030	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 410 of SEQ ID NO:1326, b is an integer of 15 to 424, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1326, and where b is greater than or equal to a + 14.</p>	<p>AA313226, AA352231, AA729004, H63236, AI174489, AA493814, AA847341, AA502774, AI884404, R95751, AA832104, AA126969, AA368329, N21434, AI567676, AI002863, AA991640, AA602715, AA368659, AI003620, AA219166, AA659011, AA420424, AA749196, AA309287, AI124558, AA143703, H79323, AI802268, AA831913, AA730795, AA598579, AA832108, AI791227, AA365628, AA196994, AA598605, AA595508, AI732911, N27340, N53783, AA455202, AI734193, AA482682, AA525156, AA218874, AA598497, AA643768, AW083966, AA351893, AA668421, AA581317, N55076, AI376687, AW069273, AA825954, AA229370, AI538404, M77964, AA315052, AI049999, AP000553, Z68756, AB023049, AP000512, AL079342, AC005305, AF075069, AD000092, AL008731, AC007993, AL008628, AL035587, AC005089, AC008372, AL133163, AC005913, U95742, AC007537, AL031721, AC009516, AL035420, AC003071, AC000052, AL133246, AF053356, AC005722, AB003151, AC006930, AP000099, AC000025, AC007193, AC006273, AC005527, AB023051, AC004099, AP000688, AP000036, AC005747, AC006511, AC004150, U78027, AL034553, AC003047, AC004997, AC004475, AC005519, AL009181, AP000046, AP000114,</p>

				AL021393, AL049650, AC007687, AC005529, AC005406, AC003102, AC005585, X74984, AC005828, AC002369, AL022315, AC005907, U95739, AC004000, U91327, AF076450, AJ246003, AL035086, Z83826, AL109613, AL121655, D16583, AC005725, AL030995, AF196779, AC005535, AL020997, AL035400, AC004650, AL096712, U89337, AC008045, AP000344, AL117258, AC005099, AC007314, AC003098, AP000503, AL022326, AL020993, AC004668, AC004254, AC006581, AC005837, AC007277, AL021806, Z15025, AL049829, AC005932, AL049699, AL122023, AP000302, AL080243, AC005516, AD000833, AP000077, U91326, Z73417, AC002395, AL034379, AL132712, AC005859, Z95116, AF003528, AP000243, AL049643, AF134726, AP000098, AP000203, AC005412, AC002991, AL035445, AC005041, AC005971, AC004812, Z84474, AF217403, AC003046, AC005003, Z82198, AL008734, AC004531, AF205588, AC004756, AL034421, AC005776, AC004073, U93305, AC002310, U85195, Z98946, AF111169, AF196972, AL136168, U63721, AC005768, AC004678, AC005253, AC007001, AP000280, AC007207, AC005759, AL031708, AC002996, AC004131, AL031058, AL109801, AC005694, AC006121, L47234, AE000658, AC001551, AC006080, AC006057, AC004072, AL133321, AC004227, AC006006, AC007051, AP000555, AC007666, AC005755, AC005993, AP000107, AP000039, AC006950, AC004263, U51561, AC007390, AC005924, AC007014, AC007546, AC003109, U62317, Z98949, AB020867, AC004808, AC004465, AF129756, AC004682, AC004703 AA280322, AC006153
1327	HCQDI18	876034	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	

1328	HEMGF10	876039	the general formula of a-b, where a is any integer between 1 to 301 of SEQ ID NO:1327, b is an integer of 15 to 315, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1327, and where b is greater than or equal to a + 14.	AL045532, AI672339, AI916546, AI674054, AA922064, AW022969, AI539447, AI338659, AI038295, AI809635, AI569951, AI015944, AA236487, AA917051, W72067, AI522144, AW340476, AW001031, AI042560, AW272351, AW291220, AA496094, AI808121, AA453459, AA216783, N90068, W38469, AA002033, AA482997, AA234484, F12296, T66274, Z24870, W76350, F09922, T95502, AI128578, T66187, T95501, Z28614, AA453960, R16316, T58251, T88786, AI272000, AA001829, AI654859, AI624582, AI334322, T58298, AI376307, U85995, U85994, AF095771, U87408, AF095770, U85997, AC006195, AF095769 AA425162, AA454628
1329	HCQDGI0	876044	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 523 of SEQ ID NO:1329, b is an integer of 15 to 537, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1329, and where b is greater than or equal to a + 14.	
1330	H2CBS17	876045	Preferably excluded from the present invention are one or more polynucleotides comprising a	AA313483, AI092587, W07818, N79448, AA773593, R53234, R94785, R24805, H10024, AA229847, R94705, AA430523, AI435476, AW001866, AI565825,

			<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1337 of SEQ ID NO:1330, b is an integer of 15 to 1351, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1330, and where b is greater than or equal to a + 14.</p>	AA430608, N71537, AI760594, AI911011, AI732273, AI440283, AI131012, AA582791, AI038591, N52904, AI144119, AA643763, AI561115, N78511, AA011130, AI668849, AI676028, AI371354, AA009702, N73670, AW369840, R53598, AA584483, AL044698, R48261, W63583, AA493983, AA968449, AC005332, AC004876, AC005771, AC004616, AP000038, AC005184, AL139165, AC004098, J03764, AF019664, AC004874, AL033525, AC009498, AP000280, AC005704, AL035427, AP000107, AC005060, AC005922, AL035633, AC007628, AC005011, AL078638, AF042484, AC007676, AC008071, AC007198, AC000120, AP000140, Z93931, AL031655, AP000088, AL031123, AC006996, Z75957, AL034555, AC004055, AC006354, AP000269, AP000103, AF001548, AF049895, AL132987, AL022068, AB013139, AL034425, AC002546, AF069291, AC004929, AC007262, AC002115, AL020989, AL031055, AL021877, AC004703, AC004664, AL021977, AC002480, AL035691, AL035072, AC004100, AC006370, AC006013, AP000033, AC005562, AC007312, AL031737, AC005406, AC005919, Z96074, U95743
1331	HETJT76	876048	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1217 of SEQ ID NO:1331, b is an integer of 15 to 1231, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1331, and where b is greater than or equal to a + 14.</p>	AI799695, AI343330, AI498160, AI885048, AW372347, AW372353, AI361693, AW372342, AI290222, AA833641, H23783, W73966, AI077502, AW242637, AA514487, AA975211, AI569053, W79847, AI869527, AA832078, N55405, AA126154, AA313196, AI560671, H49102, AW236097, AI742230, AA126132, H49333, AI732692, AW172617, AA199707, AI280378, W79860, W74521, AA279226, AI650312, AC005352, AL117338, AF088062
1332	HMVBD68	876052	<p>Preferably excluded from the</p>	AW0833378, AA057509, AI679190, AA574451,

<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1266 of SEQ ID NO:1332, b is an integer of 15 to 1280, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1332, and where b is greater than or equal to a + 14.</p>	<p>AA599718, AA054285, AA706513, AI707934, AW023524, AA199863, R66151, AA862725, R84843, R85715, H86142, AL038837, H86028, AL039074, AL039564, AL039108, AL039156, AL039085, AL039659, AL039625, AL039648, AL039678, AL039150, AA059178, AL037051, AL036725, AL039629, H00069, AL039109, AL038531, AL039128, AL040992, AL045337, AL037726, AL042909, AL039423, AA013394, AL039410, AL134524, AL039538, AL044530, AL045353, AL036973, AL044407, AL038821, AL039386, AL036418, AL039924, AL037526, AL043441, AL043445, AL037082, AL036196, AL037639, AL039566, H39007, Z99396, AL043422, AL039509, T24119, AL038851, T24112, AL038025, AL045341, AL036767, AI535983, T23947, D51250, AL036117, AL045794, AW013814, AL043423, AL036924, AL037615, AW452756, AL036190, AW451070, AL036238, AL037085, AI142134, AL036679, AI535783, AL036733, T23659, AL038983, AL036858, AL134110, AL038447, AL037021, R47228, AL036998, AL045328, D80253, AL037727, AL037054, AL036191, AL036964, H00072, AL045327, AL047163, AL042898, AL036268, T02921, D59275, AL036765, AL037077, AA631969, AL039643, AL039432, AL119483, AL049018, T48598, D80219, AL038838, D59787, AL037343, AL037295, AL044125, AL037436, AA514190, AL037178, AL037335, AL037323, AW080777, AL119484, AL041347, AL037027, AW022897, AL038651, AI547295, AL036999, AW450376, AL038761, AL037443, AI348766, AL038532, Z25783, AL036719, AW103927, AL037094, T11051, AL042850, AA478355, AI700109, AL038822, AI267269, AL037435, AA548890, AA702729, AI334443, AL040193, AA191659, AA410788, AL119324, AA577824, AA630672, AA526787, AI056177, D29033, T28100, AA493975,</p>
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AA579179, AI223604, AL040061, AL044162,
AL047012, AA483929, Z25782, AA834707, AW148507,
AA456578, AL046549, T07039, H66681, AI254913,
AL041238, AL043496, AL043923, X95073, AF118808,
DI4548, AR066494, AR017907, Z96142, AR038286,
X68127, I92483, AR062871, I03665, I03664,
AI5078, E00523, A67220, X73004, A95051, A58522,
AR036905, A92133, A97211, A58521, A02712,
A85477, A85396, AJ244003, AJ244004, AR062872,
AJ244005, I06859, AR062873, AI8050, A84772,
A35536, A35537, A23334, A75888, I70384, I18371,
A20702, A60111, A23633, AR043601, AR025207,
AR007512, AI8053, A84776, A84773, A84775,
A02135, A02136, A04663, A04664, A84774, A43189,
I66495, AR031374, A43188, AR067731, A38214,
A49700, AR031375, A20700, I66494, A64081,
AR008430, AR067732, A44171, I56772, I95540,
AR018924, I60241, I60242, A51047, A63064,
AR018923, A48774, A98767, A63072, A48775,
AR068507, I66498, I66497, I66496, AR068506,
I00074, I66486, I66487, I19516, A58524,
AR015960, A91750, AR064707, A93963, A93964,
AR000007, AR015961, I63120, A95052, AR020969,
A25909, AR043602, AR043603, A95117, A58523,
A23998, AF156296, AR037157, AI1245, V00745,
A02710, E12615, AR035193, A86792, E13740,
AR054109, A07700, AR000006, AI3392, AI3393,
AR036903, D28584, U87250, AR027100, I03343,
I28266, AF156294, A82653, AR022240, Y11923,
A81878, I21869, I13349, A24783, A24782, E14304,
AJ230933, A70040, E16636, I19517, I01992,
A27396, D88984, A76773, A22413, I08051, Y11926,
A49045, A93016, E16678, I25027, I26929, I44515,
I26928, I26930, I26927, A58525, I25041, I68636,
E03165, E16590, I00077, S70644, I49890,
AF096810, AF156303, AR064706, I44516, AF019720,

1333	HWLQD17	876056	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 114 of SEQ ID NO:1333, b is an integer of 15 to 128, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1333, and where b is greater than or equal to a + 14.</p>	<p>A60957, Y11449, A51384, X58217, AR038762, A92636, I84553, A91754, I84554, E02221, E01614, E13364, I00079, A60968, A18722, AF156304, D34614, A58526, A91753, AR023813, AB012117, A10361, AR035975, AR035977, AR035978, AR035974, AR035976, AF130655, AR066482, M32676, A60985, A60990, Z79475, A60987, Y17188, AC004935, X15418, S65373, AC004111, AJ238010, AC002431, AC004851, AC010722, AC006582, AC004797, AC005373, AP000512, AL121603, AL049430, AC005291, AC007191, U50871, AC004213, AL049631, AC002059, AC002480, U95739, AP000132, AP000210, U91318, AC005332, AL034395, AL031281, AC009784, AP001172, Z95116, E04616, AL035413, M21251, AC006999, AC006211, AC004466, AL080317, AC002395, AC005914, AC000026</p>
1334	HCRME16	876057	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 424 of SEQ ID NO:1334, b is an integer of 15 to 438, where both a and b</p>	<p>AA826803</p>

1335	HCQC116	876059	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1334, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 336 of SEQ ID NO:1335, b is an integer of 15 to 350, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1335, and where b is greater than or equal to a + 14.</p>		
1336	HKLAB15	876062	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 476 of SEQ ID NO:1336, b is an integer of 15 to 490, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1336, and where b is greater than or equal to a + 14.</p>	T70859, AI991425, T96900, AL137658, AC005343	
1337	HCYBH57	876065	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 734 of SEQ ID NO:1337, b is an integer of 15 to 748, where both a and b</p>	AA306889, AA305320, AA508639, N49791, H90350, AW016011, AW377205	

1338	HCQDM08	876070	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1337, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 98 of SEQ ID NO:1338, b is an integer of 15 to 112, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1338, and where b is greater than or equal to a + 14.</p>	<p>AW384125, AA496504, AI610340, AA248671, AA130789, AA180915, AA478370, AI733781, Z98485, AI796704, AL044742, AL048069, AA626025, AL048572, AL047765, AL039283, AI557485, AL048501, AI546967, AI546957, AA516161, AI924321, AA887171, AI132973, AA420684, AI133122, AA654779, AA654118, AA194612, AA532618, AI132978, AI133640, AI114783, AI064749, AI064986, AI133242, AI065142, AI133340, AI114709, AI110634, AI065125, AI065095, AI133581, AI133663, AI110590, AI133479, AI065101, AI114457, AI133604, AI207634, AI525970, AI133582, AI114582, AI174912, AI114665, AI133512, AA081070, AA578984, AI557069, C17847, AI174878, C18490, AI133723, AI133615, AI133526, AA089877, AI525469, AA225945, AI114594, AI557701, AA112129, AA213849, AA410915, AA195856, AA182920, AA165635, AI208489, AA662114, AA244064, AA088806, AA228826, AA652493, AA622823, AI979027, AL049144, AA225205, AI244851, AI827423, AA132431, AA410765, AA176509, AA089690, AA828070, AA640731, AA641599, AI749067, AA569303, AA502464, AW385506, AA663702, AA229378, AA876457, AA467990, AA084304, AA229146, AA837558, AW371147, C18623, AA858353, AA188095, AA641178, AA293576, AA082601, AW375786, AA468053, AA092886, AA427549, AA129770, AA480482, AA658436, AA502853, AA394267, AA640898, AI132974, AA193149, AA091406, AI749996, AA095793, AA226058, AI535866, AI940772,</p>
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1339	HSSEA17	876078	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 608 of SEQ ID NO:1339, b is an integer of 15 to 622, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1339, and where b is greater than or equal to a + 14.</p>	AA527220, AA194743, AA399036, AA091372, AA192775, AA089626, AI525481, AI524836, C14151, H41888, Z56605, X76676, AR028448, X62996, D38112, V00662, J01415, X93334, Z59182, D38114, D38113, X93335, D38116, Z58833 Z56928, Z56929, Z64722, Z54751
1340	HCQDG14	876079	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 610 of SEQ ID NO:1340, b is an integer of 15 to 624, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1340, and where b is greater than or equal to a + 14.</p>	AW235671, AI740682, AA770521, AA428282, AI522043, AI276457, AI984187, AI382430, D79844, D62692, AA741145
1341	HCQQAQ14	876081	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 948 of SEQ ID NO:1341, b is an integer of</p>	N52898, N40697, AI221215, AI961502, N27935, AI538394, AW366714, AA557734, AI916398

1342	HCQBN16	876082	<p>15 to 962, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1341, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 248 of SEQ ID NO:1342, b is an integer of 15 to 262, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1342, and where b is greater than or equal to a + 14.</p>		
1343	HWLQE13	876086	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 819 of SEQ ID NO:1343, b is an integer of 15 to 833, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1343, and where b is greater than or equal to a + 14.</p>	<p>AA284114, AA878237, AI440478, AI183980, AI830413, AI693370, AW167651, AI284239, AI087052, AA025164, AI075952, AI276058, AA781007, AI333050, N69861, N99037, W47304, AA626017, W47171, AI672591, AA885176, AA644449, AI222118, AI080182, AA055097, AI350932, AA526741, AA524562, AA719566, AA055070, AA397901, AA890555</p>	
1344	HWMB501	876088	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 432 of SEQ ID NO:1344, b is an integer of</p>	<p>AI023441, AI242040, AA847082, T50456, AA331171, AA650226</p>	

1345	HKLAA70	876089	<p>15 to 446, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1344, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 352 of SEQ ID NO:1345, b is an integer of 15 to 366, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1345, and where b is greater than or equal to a + 14.</p>	AA259061, Z56085	
1346	HWLCK07	876090	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 412 of SEQ ID NO:1346, b is an integer of 15 to 426, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1346, and where b is greater than or equal to a + 14.</p>	AW083180, AI817883, AW138123, AI832211, AF009961, AF127026, AF105424	
1347	HISAV29	876091	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:1347, b is an integer of</p>	R98881, Z93242, AF160728	

1348	HWLXE78	876093	<p>15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1347, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 568 of SEQ ID NO:1348, b is an integer of 15 to 582, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1348, and where b is greater than or equal to a + 14.</p>	AA196426, AI796138, AA308423, AI818489
1349	HSLHI12	876094	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 265 of SEQ ID NO:1349, b is an integer of 15 to 279, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1349, and where b is greater than or equal to a + 14.</p>	
1350	HCQCX03	876095	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 513 of SEQ ID NO:1350, b is an integer of</p>	W89052, AL133355

1351	HCQCR12	876097	<p>15 to 527, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1350, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 622 of SEQ ID NO:1351, b is an integer of 15 to 636, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1351, and where b is greater than or equal to a + 14.</p>	<p>D80188, C14389, D59275, D50979, D80043, D58283, D80391, D59787, D80196, D80227, D80522, D51022, D59859, D80022, C14331, D80166, D80195, D50995, D59467, D51423, D59619, D80210, D51799, D80164, D80240, D80253, D59502, D59927, AA305409, D80269, D81030, D80247, D81026, D80248, D80212, D80366, D80219, AA305578, C15076, D57483, D80038, D59610, C14014, D51060, D59889, D80439, D80193, D80133, D80045, D80024, D80268, AW360811, D80378, AA514186, AA514188, AW177440, D80302, D80251, D80241, T03269, C14429, AW178893, AW377671, AW375405, D51103, AW177731, D80157, AW178983, AW178906, D51759, AW366296, AW179328, AW360844, AW360817, AW179020, C75259, AW375406, T48593, AW378534, AW179332, AW377672, AW179023, AW178905, AW378532, AW178908, AW177501, AW177511, C05695, D59373, AW179024, AW352171, AW179004, AW377676, AW378528, AW352170, AW178907, D80132, AW178762, AW179019, AW360834, C06015, AW177505, D80134, AW176467, D51250, AW360841, D58253, AW367967, AW178775, AW369651, D59653, AW178909, AW177456, AW179329, AW179009, AW178980, AW178914, AW178911, AW177733, AW178754, AW179018, AW352158, D51079, AA809122, D80014, AW352117, D45260, AW367950, AW178774, AW352120, F13647, AW378525, AW179012, H67854, AW177722, AW352163, T11417, C03092, D52291, H67866, AW378543, D59627, AW177728, D80168, D81111, AW177723, AW378540, D51213, AI525923, AI910186, AW178986, C14227, C14973, AW178781, AI905856, C14298, AI535850, T03116,</p>
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1352	HPJBW76	876098	<p>AI525917, D59317, D58246, D59474, C14407, D80258, AA514184, D59503, D60010, AW378533, D80064, C14344, D51221, C14957, T03048, AW177508, AW177734, AI525920, AI557774, AI525227, AI535686, AW177497, D58101, D59551, C14046, D60214, AI525912, AI525235, AI525237, C16955, AI525215, AI525242, AW378542, AI557751, AA285331, AI525925, AW378539, D45273, C05763, Z33452, T02974, AI525222, Z21582, D51097, AW360855, H67858, C04682, D31458, T02868, D51053, AW179011, AI525928, AI535961, Z30160, C13958, D80314, AI525228, AL033517, AR008278, AB028859, AJ132110, A84916, A62300, A62298, AR018138, AF058696, A82595, AB002449, AR060385, X67155, Y17188, A94995, D26022, Y12724, A25909, I50126, I50132, I50128, I50133, A67220, D89785, A78862, D34614, AR016514, AR066488, A26615, AR052274, AR008443, AR060138, A45456, D88547, A43192, A43190, AR038669, Y09669, X82626, AR066487, AR016808, A30438, D50010, AR054175, I14842, Y17187, AR025207, AR008408, A63261, X64588, AR066490, AR008277, AR008281, AR062872, A70867, I18367, AR016691, AR016690, U46128, D13509, A64136, A68321, AR060133, I79511, X68127, AB012117, AF123263, X72378, AR032065, AR008382</p> <p>N50949, AA329541, AL120708, AI922673, D63195, H05929, AI679480, AA808536, F03253, T80197, AA125781, AC010169, AC002300, AC004526, AC003010, AC005183, AC007993, AC005258, AC005057, AC002425, AC004878, AP000501, AC005871, AL133163, AC005844, AC005363, AC008149, H82274, AA665465</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 540 of SEQ ID NO:1352, b is an integer of 15 to 554, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>

1353	HCQCD81	876101	<p>NO:1352, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 669 of SEQ ID NO:1353, b is an integer of 15 to 683, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1353, and where b is greater than or equal to a + 14.</p>	<p>AA019633, AI290219, AA020897, AI278259, R37194, AA021465, AA018170, AA018313, AA019821, T05511, AI335614</p>
1354	HCYBF60	876104	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 420 of SEQ ID NO:1354, b is an integer of 15 to 434, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1354, and where b is greater than or equal to a + 14.</p>	<p>R92525, AA205785, AA173507, AW239243, AA305229, AA305174</p>
1355	HCQCD09	876105	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 419 of SEQ ID NO:1355, b is an integer of 15 to 433, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA594230</p>

1356	HWLVY67	876107	<p>NO:1355, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 618 of SEQ ID NO:1356, b is an integer of 15 to 632, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1356, and where b is greater than or equal to a + 14.</p>	<p>AI088192, AI9923372, AI9923373, AA768994</p>
1357	HMAKC34	876108	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 954 of SEQ ID NO:1357, b is an integer of 15 to 968, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1357, and where b is greater than or equal to a + 14.</p>	<p>AA706348, AI742004, AA612742, AA418899, AA622550, AI688045, W04608, AA639641, N73891, AI306136, C75175, N54079, AA037389, U40583, X70297, AF036903, AF037646, AR055255, U62436, Z23141, L25827, AF087689, Y08420, X93604, AJ245976</p>
1358	HNGBJ13	876109	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 704 of SEQ ID NO:1358, b is an integer of 15 to 718, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	

1359	HCFCP28	876117	<p>NO:1358, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1614 of SEQ ID NO:1359, b is an integer of 15 to 1628, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1359, and where b is greater than or equal to a + 14.</p>	<p>W38691, AW170228, AW204712, AI342478, AA214559, AI301837, AI038938, AA041552, AA975363, AW207768, AI280415, AW241161, AI698575, AA213418, AI192391, AL042921, AL042806</p>
1360	HCR0H40	876118	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1283 of SEQ ID NO:1360, b is an integer of 15 to 1297, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1360, and where b is greater than or equal to a + 14.</p>	<p>AW340002, AW263252, AI302813, AA806234, AW337920, AI800828, AI685453, AA582942, AW150706, AI566501, AI802925, AI022951, N32077, AA743819, AI160053, AI336188, AA643850, AI091958, AW081284, AA512938, AI687081, AW051587, AA884985, AI738521, AA812286, AI185199, AI761431, AA403009, AA047094, AW130755, AI554205, W60982, AW069431, AA143405, AI086947, AI952635, AA862513, AW025157, AI674916, AI911657, AA457705, AW418700, AW009464, AI684131, AI811699, AI613185, AA043722, AA101008, AI812095, AA143404, AI695151, AA662383, W52268, AA034911, AI445209, AA410666, AI306627, AA152449, AI446572, AI760791, AI093619, AI955408, AI344379, AI739460, AI824906, AW002682, N29782, W52269, AA622005, AA586560, AI798484, W47540, W47587, AI795838, AA861143, AA524329, AA047184, AA506568, AW198106, AA936419, AW021602, AA506574, W45220, T49532, AI357909, AW168465, N25070, AA152448, AA907471, AA301628, AA641358, AA515290, W39753, N45391, H80074, AA431547,</p>

1361	HKA AK32	876121	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2690 of SEQ ID NO:1361, b is an integer of 15 to 2704, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1361, and where b is greater than or equal to a + 14.</p>	<p>AI934135, AA927158, AA587966, AA372266, N25911, AA535141, AI918662, AW021800, AA613551, AA913677, F35471, AA102493, AI795855, AI718365, AA613011, AA480815, AA903677, AI872650, T49531, H80073, AA973783, AW375945, AA505724, AA514710, AI927674, AI475421, N57203, F24647, AA356940, AI936211, AA043424, AW367127, AA034978, AA593644, AI472573, AW374518, T10460, AA587154, AA431094, AI810621, AA918275, AI336721, AI709355, AI313344, AW004782, AA062797, AA632243, AW059882, N34155, AI557285, Y14551, AP000512, AB023051, AC006165, S81914, AF071596, AF039067, X96438, AF083421, AJ227914, Y16736</p>
1362	HCQDQ31	876123	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 896 of SEQ ID NO:1362, b is an integer of 15 to 910, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA576961, AI795908, AL120038, AW071648, AI923078, AI650566, N27861, AA020770, AI693672, AI828327, AW408804, AI423373, AW275975, AI656898, AA307019, AL121002, AI359865, AA088194, N73008, AI926866, AI079417, N35619, AI955093, AA258396, AI589460, AA856996, N21585, AI679493, AI824968, AI813785, N40634, AA857168, AI203273, AI079737, AW382798, AA332511, AA806210, AI913138, AI675042, AI868760, AA641278, AI371462, AA995175, H92531, AA113084, R66601, D79238, AW151392, D12298, D56582, AA380178, AW391828, AI352031, Z21892, AI940086, Z50194, U92983, U44088</p> <p>W07169, AA838748, AI985511, N78574, AI200281, AI658709, AW016259</p>

	AL040263, AL040294, AL040329, AL044274, AL040082, AL044272, AL040148, AL040472, AL041730, AL041523, AL043627, AL049018, AL046392, AL040463, AL041374, AL040052, AL043845, AL042135, AL044064, AL038983, AL039316, AL043923, AL043814, AL045671, AL043848, AL041459, AL043570, AL041577, AL044201, AL044258, AL046850, AL046147, AL038532, AL040768, AL037727, AL041140, AL046327, AL046994, AL042712, AL040414, AL040571, AL046097, AL043496, AL046914, AI142134, AL040621, AL041186, AL039744, AL041086, AL042096, AL040444, AL080031, AL041955, AL041168, AL041159, AL041233, AL041246, AL079878, AL041277, AL041163, AL040193, AL040370, AL041278, AL037436, AL045994, AL040155, AL045784, AL040149, AL039360, AL037435, AL038761, AL045989, AL040075, AL039338, AL037443, AL079852, AL037335, AL046099, AL037295, AL047131, AL040238, AL037341, AI546855, T23985, Z30131, AI547039, AL045211, AL045340, AI546899, AI541509, AA585439, AL041347, AL043444, T23957, AI541510, AI541317, AI525306, T23888, AI541365, AI540967, AI525556, AI547006, AI541514, AI525431, AI541374, AI541534, AI535639, AI546999, AA585453, AI525321, AI557787, AI526194, AI541506, AI535813, AI546891, AI541017, T24112, T02921, T24119, AL039156, AL044530, AL036630, AL039504, AW451416, AW013814, AL039555, AL039509, AL039564, AL039538, AL038043, AL039108, AL039678, AL039566, AL039074, AL038837, AL039521, AL039625, AL039648, AL039659, AL039629, AL045794, AL039476, AL043586, AL037726, AL038531, AL039109, AL040992, AL039924,

AL039128, AL044407, AL036973, AL042909,
AL045341, AL045337, AL044412, AL037051,
AL045353, AL039386, AL039423, AL039410,
AL044364, AR067731, AR067732, AR051651, I25027,
I26929, I44515, I26928, I26930, I26927, A29109,
A32111, I44516, AR027100, A49045, AR009152,
AR009151, AR067734, A83151, AR068508, AR068510,
AR068509, I58322, I58323, I85513, AR054109,
Z96177, AR068550, A23373, AR068551, X85060,
E01324, I08638, A70359, AR016495, A95117,
A93936, A94048, A94061, A94046, A94054, I07209,
I07249, AR067733, AR029418, A63954, I09267,
I09270, I09268, I09269, A49701, I09252, I09251,
AR029417, AR035224, I58669, AR038066, AR027099,
A27169, A27170, A39929, AR038307, AR038321,
AR051652, AR038306, AR038320, I91969, A83642,
A83643, X89399, I25041, AR018924, A48774,
A48775, A38214, A44171, I56772, I95540, A63067,
E01239, E01561, A51047, A63064, A63072,
AR068507, AR068506, AR064436, AR000006,
AR015960, AR000007, AR015961, A92081, AR027319,
A91752, A91751, AR027318, A92080, A92077,
A92078, A92079, AR031374, A49700, AR031375,
A58521, AR020969, E01619, I06159, A93445,
AR003585, A06633, A60212, A60209, A60210,
A60211, A32110, A83180, A60206, A93446, A91754,
A64973, A84772, A84776, A84773, A84775, A84774,
AR037157, A86792, A58522, A68112, A68104,
A91750, A11245, A20702, AR062871, A43189,
A43188, A20700, A98420, A98423, A98432, A98436,
A98417, A98427, I66495, I66494, I66498, I66497,
I66496, I66487, I66486, X83865, A85395, A85476,
AJ244004, I15353, E12566, E12564, E12565,
A98767, A93963, A93964, E14304, AR062872,
A81878, AR062873, A25909, AF082186, AJ244003,
A58524, E16678, A58523, D78345, AR038762,

1365	HWMBX6 8	876137	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 509 of SEQ ID NO:1365, b is an integer of 15 to 523, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1365, and where b is greater than or equal to a + 14.</p>	<p>E03627, Y16359, AR055048, AR055051, AR055049, I66488, I66489, I66490, I66491, I66492, I66493, A91965, I66481, I66482, I66485, I66483, I66484, AR012640, I15718, I15717, A92133, I08395, M28262, I08396, A70040, A93016, I00682, A20699, A11623, E00609, A11624, I18302, E00696, E00697, E13740, A11178, E01007, I13349, E03813, A10361, AR035975, AR035977, I48927, I60241, I60242, I03331, A02712, A02710, E12615, AR035193, A77094, A77095, A07700, A13392, A13393, I62368, AR031488, I13521, I52048, A27396, I63120, AR017907, AR043601, A95051, A18053, I49890, I44531, I28266, A18050, A23334, A75888, I70384, A60111, A23633, I21869, AR007512, A24783</p>
1366	HE8OF49	876139	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2141 of SEQ ID NO:1366, b is an integer of 15 to 2155, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI809519, AI733273, AI700619, AW444492, AI701407, AI268747, AW023153, AA933010, AI216153, AW450105, AI268633, AI793298, F03428, H09383, H09323, Z44285, AW297395, F04852</p>

1367	HWLHY12	876140	<p>NO:1366, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1710 of SEQ ID NO:1367, b is an integer of 15 to 1724, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1367, and where b is greater than or equal to a + 14.</p>	<p>AW394038, AW157294, AW394036, AW163057, AA306435, AW362974, AW157089, AW362965, AI878985, AW162479, AA146857, AW362967, AA311937, AW362962, AA306611, AI879487, AW362949, AA774684, AA813993, AW362950, AW403413, AW362951, AW407973, H59390, AW362956, AA310305, AA360185, AA332342, AA120901, D81998, W21240, R18124, AA312498, AA971457, AI223218, AA377328, AA300637, AW163350, AA248513, AA377822, AW366952, AI690275, N91094, AL021808</p>
1368	HCQBL07	876141	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 359 of SEQ ID NO:1368, b is an integer of 15 to 373, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1368, and where b is greater than or equal to a + 14.</p>	AA668479
1369	H2LAJ32	876142	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 807 of SEQ ID NO:1369, b is an integer of 15 to 821, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA313981, AA513970, D80022, D59787, D59927, D59502, D50995, D80391, D81030, D80188, D80166, D58283, D80212, D80196, D59619, D80210, D80240, D59859, D80195, D80193, D51423, D51799, C14389, D59275, D80253, D80043, D80227, D80219, D80164, D57483, D80269, D80366, D80038, D50979, D59889, C14331, T03269, C15076, D59610, D80378, D80024, D59467, D80045, C14429, AW178893, D80241, AA305409, D51060, C75259, C14014, D51250, D80134, AW179328, AW178775, AW352158, AW378532,</p>

1370	HSIAD07	876146	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 409 of SEQ ID NO:1370, b is an integer of 15 to 423, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1370, and where b is greater than or equal to a + 14.</p>	<p>AR008278, AB028859, Y12724, AB010386, AB012117, X68127, A85396, AR066482, A44171, A85477, A94995, I19525, A86792, U87250, AB002449, X93549, A82595, AR008443, AR060385, I50133, I50126, I50132, I50128, AR066488, AR060138, AR016514, A45456, A26615, AR052274, A43192, A43190, AR038669, Y09669, AR066490, AR066487, AF135125, I18367, A30438, Y17187, D88507, D50010, A63261, I14842, AR008408, AR054175, AR062872, A70867, AB033111, AR016691, AR016690, U46128, A64136, A68321, AR008277, AR008281, D13509, AR064240, AR060133, X64588, U87247, I79511, AB023656, U79457, AF123263, AR032065, AJ000347, X93535, AR008382</p>
				<p>AA376851, AF067844</p>
1371	HWLNZ56	876151	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 639 of SEQ ID NO:1371, b is an integer of 15 to 653, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI636631, AA309020, AI744144, AW009754, AI700328, AI673552, T55187, T16814, R87983, AA514537, AW014851, R89617, AI202634, AA652368, AI695471, T04994, D50992, T18597, AI535639, Z32887, D59751, AI525556, AI535660, Z33559, AI557084, AI557262, AI536138, AI525500, AI557864, AI541205, AI557082, AI557533, AI526078, AI540903, C14228, AI525316, H65400, AI525302, AI525757, N71206, AI557317, AI541356, AI557312, AI525852, AI541075, AI557809,</p>

1372	HLQBA23	876152	<p>NO:1371, and where b is greater than or equal to a + 14.</p>	<p>AI557731, AI541365, AI525661, R29657, AI541353, AI525856, AI541321, AI557155, AI557238, AI525666, AI541450, AI541034, AI557258, AI557474, AI547196, AI525568, AI557602, AI540974, AI557041, AI535828, AI536150, AI535813, AI546829, D30843, AI557039, AI557154, AI525656, AI547177, AI557543, AF117946, A62300, A62298, AR050070, A82595, A82593, U94592, Z30183, AF006072, U41654, AR025466</p> <p>AA777628, AW085142, AA748330, AA811973, R89234, AA730279, R89233</p>
1373	HDPQV66	876153	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 893 of SEQ ID NO:1372, b is an integer of 15 to 907, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1372, and where b is greater than or equal to a + 14.</p>	<p>AW188509, AA133311, AA748711, AW006796, AA808751, AI636357, AI126533, AI125369, AI298453, AW166241, AA830092, AA033555, AI765118, AI096536, AI362676, AW303885, AI810267, AI304494, AW369295, AW369278, AI278826, C06204, AI298997, AA934415, AI803059, W45399, AA911937, AI285295, AW369353, H20014, AA846303, AA620334, AI380981, AA046599, H20084, AA856630, H41028, W32278, AA259115, AA348014, W57679, H41029, AI862059, AA436105, AW378921, H23401, W40332, AW370532, AI283494, H23290, AA838806, AA348015, R22761, AI702112, AA737279, AA736690, R22707, AA731236, R22706, R43410, AA133178, R43411, N49145, R23256, AA932492, AW002378, R23332, AA046727, AA976863, AA248262,</p>

1374	HODEJ02	876155	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2638 of SEQ ID NO:1374, b is an integer of 15 to 2652, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1374, and where b is greater than or equal to a + 14.</p>	<p>AW151330, N54032, AI784141, AA604954 AI936171, AI660616, AA723024, AA190582, AA702472, AA947752, AI814600, AA075189, AW020121, AW294648, AA757206, AI125830, AI696932, AI921488, W15540, AA167043, AA305635, AA830086, AI658993, AI436142, AA962072, AA284969, AA425011, AA250752, AA828460, D56246, AI741195, AA251400, AA829606, AI032702, AW079530, N49067, AA749129, AA279652, AA495947, AI026876, W31634, AI282893, AW079538, AA459370, AI074276, H89116, AA502299, D56326, AA284995, W32623, AA904260, AI001813, H89222, D56456, AW242319, AA250829, AI040832, AA837963, AW295502, AA442409, AA253372, AA279862, W03753, AW452047, AI289978, AA327787, AA634468, AA298940, AA459595, AA991736, AI090474, AA603227, AA730869, AI191872, D61332, AA634018, N86750, N79236, AI280656, AA211438, AA908725, AI695184, D62649, AA358933, N75598, AA811697, AI094362, F35399, N50196, AA075188, AW205837, AA773229, AF100156, AW364866, AC003042 AW360816</p>
1375	HWMBZ31	876156	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 313 of SEQ ID NO:1375, b is an integer of 15 to 327, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1375, and where b is greater than or equal to a + 14.</p>	
1376	HLTCX04	876166	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>	<p>AA485808, AA505129, AI149019, AI970131, AI829798, AA346059, AA367024, AA371138, W39118, AA491324, AI817772, AA300274, AW194921,</p>

		<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1239 of SEQ ID NO:1376, b is an integer of 15 to 1253, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1376, and where b is greater than or equal to a + 14.</p>	<p>AW166155, AI652296, AA824496, AI301046, AI249946, AL040694, AI241223, AI915295, AI250646, AA088789, AI471429, AW021717, AL036509, AL039011, AI500061, AI702527, AW059828, AW196720, AW163834, AA928539, AI538885, AL036705, AI969655, AI223980, AI434731, R53741, AI524654, AI401697, AA837391, AI799313, AI687568, AI623941, AI752007, AI580027, AI333104, AI274759, AL079740, AI345415, AL046849, AI682958, AA057840, AI374827, AI250353, AI586931, AI432644, AI805688, AI583578, AW088560, AA805708, AI565172, AI440238, AI658566, AI491842, AW151979, AI702540, AW172723, AI784214, AW263569, AI345688, AW055252, AI699020, AW021662, AW118508, AI590830, AW051088, AW022636, AW195253, AI887163, AI702343, AA587590, AA575874, AI801325, AI242248, AW162189, AI345010, AI344785, AI343325, AW151451, AI309306, AA259207, AI964011, AI802826, F36855, AI890887, AI345553, AI355779, AA827691, AI923989, AI289791, AI349967, AW083573, AW020381, AI280607, AI927233, AA761557, AW403717, AI308032, N75771, AI581033, AI452857, AI584118, N81195, AI627714, AI699823, AI590755, AI539260, AI860027, F34030, AI915291, AI499986, AW082532, AI348897, AI114703, AI125109, AI811192, AI688854, AI345745, AA830396, AL119791, AL047675, AL036548, AI285439, AI270039, AI688848, AI537516, AI926593, AI690813, AW194014, AI005511, AI859644, AW104141, AI784233, AI633125, AI469516, AW020046, AI698391, N63128, AI815232, AI612885, AL036265, AI817523, H89138, AI500523, AW088605, AI648699, AI241741, AI582871, AA225339, AI582932, AA514684, AI623797,</p>
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	AI619820, AA580663, AI491710, AI623363, AI783569, N99092, AI539632, R65859, AI889189, N71180, AI361701, AI491904, AI435253, AA641818, AI866573, AI343091, AI310575, AI345417, AW161098, AI161279, AI302590, AI335363, AI366984, AI583032, AI538850, AI963058, AW078729, AL047100, AL037602, AI433611, AW025279, AI590043, AI305157, AW089293, AI815855, AI299903, AI340533, R20540, AI349957, AW020592, AI288335, AI685211, AW161202, AI096771, W74529, AA493923, AI345471, AA767039, R10067, AL037582, AI559863, AI345005, AI918554, AW022494, AW079768, AI680504, AW191003, AW020288, AW009306, W45039, AL048499, AA768369, AI360195, AI630252, AA555145, AW020095, AI569616, AL135024, AW089572, AW084097, AI671642, AA279795, AI800341, AI890907, AI225000, AI357599, AI621341, AC006512, E01573, E02319, AF091512, AF067790, S61953, I48978, AL137640, AJ238278, AF002672, I89947, AR038854, A08913, I03321, AL117432, AL137258, AL133557, A08912, A08911, AF026816, A18777, X82434, S77771, AF000167, AF116573, S76508, AL133665, AL137476, AF159615, E12580, X75295, S83456, A21103, AF028823, L13297, E05822, AF141289, AL117583, E15582, AF090886, AL049452, AL050393, AF019298, A08910, AJ004832, AF113013, I89931, A08909, AF017437, X79812, AF106657, AL137550, I49625, A08907, A08908, AL122050, A77033, A77035, AF176651, I32738, AL137548, A48221, AF013214, AF185576, AL137521, A48220, I89934, Y10823, A65341, A76337, AF087943, U95114, AF090903, AF032666, AF008439, Z97214, U77594, D83032, AL133084, I33392, X06146, AL122100, AL122045, AL137533, S68736, AF090901, AL122121, X72387, A23630, E12747, X66862, AL049382,

				AF120268, AL137538, AF061981, U72621, AF061943, AL035458, AL136884, AF113677, AL122106, AF026030, AL050278, A07647, AL137495, A90844, AF111851, AL137459, Z37987, AL110221, AL110158, AL080140, U62966, AL080147, AF180525, AL137705, E06743, U36585, AL133560, E02152, AF111112, U75932, AF078844, AF113694, AF090934, A57389, S63521, AL133054, A86558, AL137286, AL133558, U67958, X61399, AL080159, AR000496, AL049430, U39656, X80340, AR029490, AL117626, AL137271, AF210052, Z82022, X52128, AF109155, AL137711, Y14314, AF026008, AF124728, AL133016, AF158248, AL122118, AL122093, AL080148, AL133113, AR068466, AL133010, AF182215, M92439, AF107018, Y08769, AL080118, S54890, AF183393, A65965, M19658, AF195092, AL122049, L19437, Y16645, X56039, A65340, Y11587, AL137478, AL080154, AF200464, AR059958, AF043493, AF061795, AF118558, AF151685, AF199027, A65943, U78525, AL050155, AL117435, E02221, E01614, E13364, L04504, AB029065, J05277, X96540, AR011880, I89944, I22272, AF091084, AF145233, AB028451, AL050277, E12579, I26207, I22020, AF146568, U35846, AF102578, U89295, AL110280, U88966, AL137463, AR013797, AL137554, I09360, AL137298, AL133640, AF162270
1377	HYABC06	876168	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 657 of SEQ ID NO:1377, b is an integer of 15 to 671, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	W00981, AA095481, N79184, AI693730, AA113788, AA096381, AI373515

1378	HLVDI04	876169	<p>NO:1377, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 487 of SEQ ID NO:1378, b is an integer of 15 to 501, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1378, and where b is greater than or equal to a + 14.</p>		
1379	HBXFF23	876170	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 948 of SEQ ID NO:1379, b is an integer of 15 to 962, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1379, and where b is greater than or equal to a + 14.</p>	W03002	
1380	HDPBG07	876172	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2921 of SEQ ID NO:1380, b is an integer of 15 to 2935, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AW450363, AA806222, AI697498, AW379227, AI950341, AA477713, AW262972, AI762090, AI143168, AA062917, AW055125, AI708563, AA722270, AI190178, AI147612, AA188072, AI524191, AA280235, N44673, AI921393, AI291105, AI760852, W68464, N26444, AI373000, AI302843, AI097247, AI160536, T66196, AI804233, W78020, AW138636, AI423991, AI089967, C75569, AA565899, AI279995, AI565961, AW341212, H99338, AI299654, AA631426, AA419222, AA663984, W73977, AA954140,</p>	

			NO:1380, and where b is greater than or equal to a + 14.	<p>W51950, W69512, AA410280, AI491793, AI393820, AA128340, AA349786, AI24298, C75628, H29446, AA213410, AA599925, N35301, N44876, H29445, H43944, AW407957, AI186159, N95537, AA730169, AA662641, AW241690, AA838196, W04289, AA187171, F12045, W73396, H96739, AA082450, N54637, AI693584, AA514420, AI266534, W69601, AA805928, AA255924, N33412, C75660, AI351695, AA386137, AW291308, AI656702, AI242486, AW026628, AI423698, AW405587, H45912, AA582631, AA244409, T91940, AI693563, R81438, AI868184, H42592, AA355526, AA349785, T84915, AI001044, AW079738, Z29930, R80195, F09688, H43066, AW273143, R74231, AA419207, AI205120, H00493, AI918592, H23921, R81641, AA345108, AA361827, AI707909, AA310049, AA346697, W69413, AW407592, T66132, T87190, T18570, T87277, T18595, D61617, W24226, AA281534, T10717, AA213409, AA503305, AA477714, R50328, N44051, AA928401, AI018524, N74140, AA761812, W69429, AA922945, AI381590, AI347968, N24768, AR038868, AB016811, AR055261, AR038869, AR055262</p>
1381	HCBF02	876174	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 612 of SEQ ID NO:1381, b is an integer of 15 to 626, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1381, and where b is greater than or equal to a + 14.</p>	<p>AA305198, AA134366, AA259244, AI078409, AA338262, R91816, AI591375, AI460050, AA601376, AI909130, AW338376, AA484658, AW272389, AI890297, AL035847, N54947, AA522642, AA847096, N80390, AL039471, AA078337, AA515176, AW008089, AA171400, AA595499, AW247866, AW250983, T94247, AI468971, AA349437, T05143, AA297682, AI935827, AA833896, AA833875, AA493464, AW168520, AA350593, AA610381, AA568494, AI952885, AA772140, AL044674, AW080062, AA526542, AA847711, AA665645, AA601674, AA335314, AA507745, AI050050, AW088745, AI271693, T26553, AI224583, AA320262, AA847095, AA493136, AI064918, AA743517, AI000381, AA595661, N59648,</p>

RI0475, AA679937, AW029515, AA666052, AA640685,
AA218684, AA548390, AA584862, AA283455,
AI440037, AA613627, AA524604, AI583321, F31380,
AA523132, AL118823, AA199578, AW021105,
AI918661, F18553, AW419209, AA314494, T57562,
AI049845, AA551105, R92608, N26159, AI251576,
AA582975, H88429, AI927275, AL040054, AI272241,
AA687730, AA634882, H62123, AW169038, AA071173,
AA613231, L78810, AL022330, AC004032, AC004925,
AC004914, Z77249, AC004973, AF196970, AL079339,
AC007649, AC007842, AC004986, AF205588,
AP000031, Z75744, AL031293, AC006539, AC003668,
AC005549, AL121578, AL049636, L05367, AP000038,
AL021407, AL133485, AC004929, AC006026,
AL035086, AC000115, AL031283, AL022165,
AL031781, AP000279, AC004526, AP000135, U63834,
AC005082, AP000106, AC007308, AP000305, Z98744,
Z95125, AL035413, AC006251, AL109865, AL031073,
AC005184, AC001226, AP000047, AP000115,
AF134726, AC004996, AD000684, AP001052,
AC007240, AF165141, AC006509, AC005484,
AC004383, AC009731, Z98049, AC011456, AL031433,
AC004087, AC007537, AC004079, Z98884, AC007541,
AC005859, AC004263, AC004988, AL035653,
AC002544, U91326, AC005412, AC002425, U95742,
AL034419, AL009047, AC007533, Z83826, AC007216,
AC002300, AC005828, AF207955, AL035460, U91321,
AC004984, L29074, AP000261, AF222686, AL034379,
AL031652, AC005632, AC007463, AC005209,
AC002403, AP000100, AP000035, AC005048,
AP000123, AP000055, AP000170, Z98048, AL079306,
AL022322, AC006241, AL080239, AC002395,
AL023883, AC005229, AL133396, AC004468,
AC000378, Z69705, AC004063, AL033504, U91323,
AL135960, AJ131016, AC004754, AC007371,
AC005046, AC002110, AJ006345, AC005832,

				AC005829, AP000010, AC004961, AC005725, AL022239, AC002105, Z98050, AC005225, AC006270, AL031584, AL034451, U82828, AC008064, AP000247, AC007066, AP000255, AL049832, Z84484, Z84572, AC004853, AC002039, AC006062, AL033527, AL031733, AP000497, Z97353, AP000503, AL133353, AL008712, AC005377, AL096791, AC003676, AC005690, AC004938, AC007388, AC005876, AC006142, AP000102, AL034429, AF222685, AL121576, AC002492, Z73358, AP000351, AC008372, AC009399, Z97184, AL049829, AC004099, AC007538, AC005253, AL121694, AL122003, AC006430, AP000201, AC007539, AL022328, AF049895, AC002064, AC006385, AC005042, AC007955, AC007731, AC004975, AP000097, AC007682, AL049712, AL022163, AC009248, AL031985, AC006155, AP000356, AC005191, AC006965, AC007385, AC005988, AF128525, AC004033, AC005409, AL023095, AC004953, AL035411, AL049773, AC005154, Z84469, AC005500, AL021331, AC012380, AL031054, AF165926, Y10196, AP000354, AL008718, AL031287, AC000353, AC010205, AL050326, AC005375, U82696, AP000338, AL132987, U71148, AC004794, AC007200, AP000216, AC003098, AC005585, AC006141, AC005342, AP000352, AC006277, AC005378, AC004815, AC005660, AF023268, AL031055, AC004876, AL031729, Z68287 AI656807, AA897632, AW151919, AW271601, AA287933, AI393569, AA644542, AI248118, AA707517, AI240868, AI247781, AI076324, N68357, AI380870, T87807, AA808229, AW197425, AA835077, Z40387, AI458836
1382	HTWDI21	876177	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 569 of SEQ ID NO:1382, b is an integer of 15 to 583, where both a and b correspond to the positions of</p>	

1383	HATED01	876179	nucleotide residues shown in SEQ ID NO:1382, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 503 of SEQ ID NO:1383, b is an integer of 15 to 517, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1383, and where b is greater than or equal to a + 14.	AI792782, AI191919, AI765864, AI733139, AA702347, AI220405, AI423312, AI478373, AW302194, AI423507, AI916231, AI627973, AW173486, AI086574, AI701146, AI521715, AI917438, AI678790, AI925944, AI770081, AA760715, AI904742, AI582603, AI990352, AI951007, AI655622, AI650463, AW173518, AI393071, AW236096, AI989921, AI022200, AI024409, AI393059, AI695050, AA888360, AI206995, AI077536, AI474034, AI452440, AW194978, AI076106, AI206908, AA969379, AA551593, AI223442, AI302211, AI968178, AI571592, AI241002, AL034553, D86198, AF007875, AB004789
1384	HWLVU14	876182	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1216 of SEQ ID NO:1384, b is an integer of 15 to 1230, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1384, and where b is greater than or equal to a + 14.	AI347147, AI738411, AI439130, AA514394, AA595253, AI269359, AW028586, AI936898, AI739648, AW242697, AW027766, AA081901, AI739639, AW157368, AI739255, AI393079, AI244459, AA226866, N99765, AW418654, AA480225, AA905814, AA999828, AC007501, U80736
1385	HOVC112	876183	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 368 of SEQ ID NO:1385, b is an integer of	AA307780, AI923248

1386	HCYBB01	876184	<p>15 to 382, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1385, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1188 of SEQ ID NO:1386, b is an integer of 15 to 1202, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1386, and where b is greater than or equal to a + 14.</p>	<p>AW188031, AI9222934, AA504414, AI536863, AA744849, AA972022, AA309130, AI569395, AA135144, AI570856, AW021626, AA904846, AA962329, AA737604, AI351478, AI560610, AA765375</p>
1387	HCRPM32	876187	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 561 of SEQ ID NO:1387, b is an integer of 15 to 575, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1387, and where b is greater than or equal to a + 14.</p>	<p>AA019767, AA213771, H86330, H85652, H86775, H86333, AI990107</p>
1388	HLDNV31	876192	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1658 of SEQ ID NO:1388, b is an integer of</p>	<p>AI741793, AW003635, AA425065, AL044729, AI825212, AI333124, AW102958, AA699738, AW014983, AI580520, AA653341, AI248768, AW057987, AA961070, H11570, AA913775, AI425117, AI452997, AI937807, AL039909, AL041387, AA398627, AI223186, T87214, AL045603, AI638724, AA644230, R45377, AI700094, T74013, Z21364,</p>

1389	HCRNN03	876193	<p>15 to 1672, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1388, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 434 of SEQ ID NO:1389, b is an integer of 15 to 448, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1389, and where b is greater than or equal to a + 14.</p>	<p>AA749051, F10219, R14519, AI242930, R40666, R21286, F12602, AA887964, H11462, AA416562, Z21365, AI890224, R41179, AA829590, AA417298, AA653411, AA837654, AI221436, AA493103, AW082244, R14339, AA055888, AW389658, T67466, T97917, R08296, AB002326</p> <p>AC005219</p>
1390	HTPIQ89	876198	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 868 of SEQ ID NO:1390, b is an integer of 15 to 882, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1390, and where b is greater than or equal to a + 14.</p>	<p>AI808815, AI457550, AI911077, AI658931, AI916359, AW009684, AW072228, AA579578, AA622141, AA295027, AA552628, AA594836, AA551833, AI167645, AA576815, W23220, AF114127, AB014603, AL137668</p>
1391	HWLQD01	876200	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 409 of</p>	

1392	HISAQ01	876201	SEQ ID NO:1391, b is an integer of 15 to 423, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1391, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 842 of SEQ ID NO:1392, b is an integer of 15 to 856, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1392, and where b is greater than or equal to a + 14.	
1393	HCRMC10	876206	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 627 of SEQ ID NO:1393, b is an integer of 15 to 641, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1393, and where b is greater than or equal to a + 14.	N24236, AI742828
1394	HWABD53	876207	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 698 of	T25873, AW024164, C06355, AI476066, H79253, C06056, R78935, AI436456, AI064830, AL121270, AL047042, AL046849, AI349772, AI686926, AL045500, AI433157, AL047763, AI433976, AL040243, AW117882, AW071349, AI608667, AI275175, AL119049, AL044207, AI580190,

		<p>SEQ ID NO:1394, b is an integer of 15 to 712, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1394, and where b is greater than or equal to a + 14.</p>	<p>AL119791, AI440426, AI500077, AI281779, AL036980, AL036146, AW074993, AI687728, AI868831, AI349645, AW268253, AI312152, AI345735, AL119748, AI567351, AI620284, AI349937, AI538716, AI469532, AI699857, AW089572, AI497733, AI818683, AW169653, AI340582, AW071417, AW301409, AL135661, AI349004, AI597750, AI499463, AI873731, AI863014, AI590128, AI800453, AW087445, AI521012, AI282655, AW162071, AI349256, AL036396, AW195957, AI250293, AI678302, AI568870, AW274192, AW148320, AI343112, AI702406, AW303152, AL036802, AI758437, AW103371, AI440239, AI680113, AI687376, AI800433, AW238730, AI597918, AI349933, AI934036, AI679724, AW068845, AI500553, AI635461, AI439087, AI207510, AL048871, AL121365, AI635942, AI857296, AI475371, AI564719, AI349614, AI920968, AI348897, AL038778, AI866608, AI499131, AI815383, AI281773, AI631107, AI499393, AI874109, AI697137, AI909641, AI636456, AI285735, AI334902, AI445432, AI625079, AL036274, AI906328, AI609592, AI583316, AI475134, AL120854, AI862142, AI540832, AI613017, AI500659, AI249257, AI687415, AI498579, AI702433, AI687375, AL038605, AI690835, AI919058, AI633419, AI866002, AI952114, AA585422, AI492540, AW074869, AI568855, AI889203, AW301300, AL120736, AI536685, AI539771, AW167776, AI671679, AI610307, AI224992, AI283941, AL119828, AI696846, AA640779, AA613907, AI909666, AI673256, AI366549, AI612913, AI349598, AL040169, AA572758, AL036759, AI818206, AA508692, AI340519, AI690751, AI349226, AI568854,</p>
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	AI567632, AI271786, AI269696, AI889839, AL038779, AW302965, AI682841, AL121014, AW166645, AW075351, AI753683, AW080838, AI684265, AI318569, AI866780, AI811353, AI307466, AI366991, AI907070, AI446606, AW302992, AI866887, AI969601, AL047041, AI679764, AI859733, AI469811, AI754897, AI439745, AI628205, AI281762, AI343059, AI811863, AI580984, AL043326, AI270055, AI813914, AL036240, AI282281, AI434281, AI802542, AL036260, AW026882, AI610645, AI499512, AW235035, AW268072, AI696398, AI800411, AW269097, AI624668, AI569616, AI909662, AI445025, AI921379, AI312428, AI251485, AW085799, AI274541, AW104724, AL036247, AI570384, AI591311, AW183130, AW132121, AI678989, AI309401, AI446628, AI620868, AL121463, AL036631, AW118557, AL042753, AI969567, AI609331, AI269205, AI282903, AI432229, AI653541, AI340603, I48979, AF090900, AL133640, AL117460, AL133606, AF090903, S78214, AF090934, AF113694, L31396, L31397, AJ242859, AL050146, S68736, AL049452, I89947, AF090943, AF078844, AL117457, AF125949, AL080060, AF090901, AF113013, AL050393, AF118070, AF113691, AF118064, A93016, AL133016, AL110221, AL110196, Y11587, AL137527, U42766, AF104032, AL049938, AF113690, AL050149, I89931, AF090896, AL122050, AR059958, AF113689, AL050116, AL050108, AL049314, A08916, AF113676, AL133075, X84990, AF113677, AB019565, AF106862, AL049466, AL133557, AL096744, AF017152, AL122093, AF113019, A08913, AF111851, AF113699, AL080137, AL133093, AL133080, AL080124, AL137283, AL050277, AR011880, Y16645, AF097996, E03348, AL133565, AL137557, AF158248, AL122123,

			<p>E07361, I48978, U91329, AJ000937, X63574, Y11254, AL137459, AL122121, AL117394, AL049430, AF146568, AF091084, AF125948, AL110225, AL050138, U00763, X82434, AL133560, AF079765, AF177401, AL117583, A65341, E02349, I49625, E07108, AL049300, AL117585, AL137550, AF017437, AL049382, AL049464, AJ238278, A08910, AF067728, AL117435, A58524, A58523, A08912, S61953, AL050024, A77033, A77035, X70685, AL122110, AF091512, I33392, AL137648, A08909, AC006371, AL133113, A03736, X96540, A12297, AF118094, Z82022, AF183393, E05822, AL122098, AL137271, AL137538, AL049283, AF061943, AC002467, I03321, U72620, AC002464, U35846, AC007390, AL137463, X72889, AL080127, AL137523, U80742, AC005992, I09360, AC006840, X65873, AL096776, X98834, AF087943, AL110197, AC004686, AF042090, Y09972, X93495, AL133072, AL122049, AC004227, AL137521, AC006336, U95739, E08263, E08264, L13297, AC004987, U67958, I17767, AL133568, AC004093, AL022147, AL080159, AF061981, U68387, U49908, M30514, AC006039, AL137429, AF026124, AL078630, I42402, AR013797, AC007392, AL035067, AC007172, AL133077, I26207, AL137526, AL137560, E15569, AC004200, AJ012755, AL050172, AC004690, AF100931, A93350, I66342, AL137533, AL035587, AL022165, AC007298, AF111112, AF000145, AR000496, U39656, AF026816, AF081197, AF119337, AC005291, AC004383, I00734, AF057300</p>
1395	HKCSF17	876208	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 906 of SEQ ID NO:1395, b is an integer of</p>

1396	HTDAI12	876209	<p>15 to 920, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1395, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1087 of SEQ ID NO:1396, b is an integer of 15 to 1101, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1396, and where b is greater than or equal to a + 14.</p>	<p>15 to 920, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1395, and where b is greater than or equal to a + 14.</p>	
1397	HYABB57	876213	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 434 of SEQ ID NO:1397, b is an integer of 15 to 448, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1397, and where b is greater than or equal to a + 14.</p>	<p>N73548, AI694413, AW271652, AI082035, AI912946, AI719718, AA024658, W24189, W24182, AW015394, T79755, AA988043, AI709339, AI510754, AI656335, AL031983, AC006137</p>	
1398	HWLVN09	876215	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 749 of SEQ ID NO:1398, b is an integer of</p>	<p>AI088609, AI742316, AI264197, AI803475, AI307145, AI129474, AA442089, AI886144, AI249368, AI864189, AI584049, AI696838, AW058403, AA428062, AI913435</p>	

1399	HOHAU02	876220	15 to 763, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1398, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 305 of SEQ ID NO:1399, b is an integer of 15 to 319, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1399, and where b is greater than or equal to a + 14.	AI903943, AI903949, AL035420, AC005082, AC008064, AL022727	
1400	HCRN143	876224	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1561 of SEQ ID NO:1400, b is an integer of 15 to 1575, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1400, and where b is greater than or equal to a + 14.	AA313797, W73983, AW374097, AA824282, AI207345, Z26317	
1401	HWLGV14	876226	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1299 of SEQ ID NO:1401, b is an integer of	AI110653, AA573785, AI421829, AI889106, AI815098, AW082282, AW151910, AA309046, AW251068, AI688082, AI935867, AA903732, AI342309, AI469758, AI301940, AI336447, AI660665, AI625318, AI636809, AI559518, AI216199, AA974182, AI336445, AI476296, AI272699, AA865622, R95048, AI832439, AI908555,	

1402	HCBM15	876228	<p>15 to 1313, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1401, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 516 of SEQ ID NO:1402, b is an integer of 15 to 530, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1402, and where b is greater than or equal to a + 14.</p>	<p>AW079674, AW276067, H71284, AI290972, AI659188, H41084, H39231, AI865986, AI333305, R76336, AI914585, AI590410, H12385, AA987621, R48364, R94963, AA639087, D45438, C20912, AI274107, AI720940, H70884, AA372940, AW250334, H15022, AI244423, AW192993, AA935031, AI199655, AI199654, H15021, AI832803, AA593195, AW269879, AA886276, AI225252, R45920, AF115384, AC006479</p> <p>AA305646, D57483, C14389, D80391, D59787, D80196, D81026, D80253, D80522, D58283, D80366, D51022, D80227, D59859, D59467, D80043, D51423, D80022, C14331, D59275, D80166, D80195, D59619, D80210, D51799, D80164, D80240, D59927, D59502, D81030, D50979, D59889, D80248, D80212, D80251, D50995, D80269, D80188, D80219, C15076, D80038, AA305578, D80133, D59610, D80024, AA305409, D80193, D80378, AA514186, AW177440, AA514188, D80241, C75259, C14429, AW178893, D80045, D51060, AW377671, T03269, AW360811, AW179328, D80132, C14014, D58253, AW378532, AW375405, AW177501, AW177511, C05695, AW178762, D59373, D80134, D80268, AW366296, AW360844, D80439, AW360817, D51250, AW375406, AW378534, AW179332, AW377672, AW179023, AW178905, T11417, AW178775, AW369651, AW177505, AW179024, AW352158, F13647, D80949, AW352117, D80302, AW176467, AW352171, AW377676, D80247, AW178906, AW352170, AW177731, AW178907, AW179019, AI910186, AW360841, AW179020, AW178909, AW177456, AW179329, AW178980, AW177733, AW378528, AW178908, AW178754, D51079, AW179018, AW352174, AW179004, AW179012, AW360834, AI905856, D51103, AW178914, AW378525, C06015, AW367967, D80157, AW177722, D59627, D58101, D59503, AW177728, AW179009, D51759, AW178774, AW178911, AW378543, AW352163, AW378540, AW178983, Z21582, AW178781, T48593,</p>
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				<p>D59653, C14227, D51213, D45260, AW352120, AW177723, C14975, AI535850, AA285331, C14973, D51097, D80064, H67854, C03092, AW378533, AA809122, H67866, D81111, AI557751, AW367950, AI525917, AI525923, D80014, T03116, AI557774, D59317, D50981, D58246, AW178986, D45273, D80258, C14344, D51221, D59474, D60010, AW177734, AI525920, AA514184, AI535686, C14957, C14407, D59551, AI525227, D60214, AI525912, C14046, AI525235, C16955, Z33452, AI525242, AI525222, AI525925, C14298, T03048, AW378539, AI525215, AI525228, D80168, T02974, AW378542, C05763, AI525928, AW360855, AI525237, H67858, C04682, T02868, D51053, D51231, A62300, A62298, AR018138, A84916, AJ132110, AF058696, AR008278, AB028859, X67155, Y17188, D26022, A25909, Y12724, A67220, D89785, A78862, D34614, D88547, X82626, A82595, I82448, A94995, AR060385, AB002449, AR025207, AR008443, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, AR054175, AB012117, AR066490, Y09669, A43192, A43190, AR038669, AR066487, I14842, I18367, A30438, X68127, Y17187, AR008277, AR008281, A63261, D50010, A85396, D88507, AR066482, X64588, A44171, A85477, I19525, A86792, AR062872, A70867, AR016691, AR016690, U46128, X93549, AR008408, A64136, A68321, I79511, D13509, AR060133, AF123263, X72378, AR032065, U79457, AR008382</p>
1403	HTXOU56	876229	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1396 of SEQ ID NO:1403, b is an integer of</p>	<p>AA897516, AW408837, AA975111, AI375439, AW058357, AI831278, AA429693, W17288, N92884, AI800566, H90037, W25564, N89755, AW075779, N90701, H64915, H64916, AA019995, AA864899, AF177934, L47207, I36298, X97874</p>

1404	HHFCN93	8762232	<p>15 to 1410, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1403, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1428 of SEQ ID NO:1404, b is an integer of 15 to 1442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1404, and where b is greater than or equal to a + 14.</p>	AA769099, AW051928, AI701149, AW166012, H14423, AA972142, AI339332, N92764, R59745, AA100558, AI383947, AA347767, AA015757, AI338203, AA347768, D81417, H72916, AA805417, D20390, AI025219, R52023, H14749, AA504717, AC006366, Z55318
1405	H2CBC05	8762236	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1675 of SEQ ID NO:1405, b is an integer of 15 to 1689, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1405, and where b is greater than or equal to a + 14.</p>	AI743549, AI953907, AW444710, AI457576, AA452352, AI744355, AW169608, AA452129, AA809771, AI284062, AA307160, AW363101, AI865348, AA907553, AI620087, AI936509, AA618311, AA456277, AA454662, AA173381, AA534032, AI369959, AW000933, AW298707, AW363100, AA478933, N90372, AI186424, C14331, D80166, AA809122, D80439, D80247, D59619, D80210, D80240, AI557751, D59927, D81026, D80022, D81030, D80219, D80212, D80133, C14389, AA305409, C14014, D80391, D59787, D59859, AA514186, D59502, D51423, D51799, D80253, D80043, C14344, D80522, D51060, D80196, D80157, D80268, C15076, D80248, D80366, D80195, D58283, D80188, D80164, D59467, D51022, D59275, D80038, D80227, D50995, D59610, D57483, D80193, D80045, D80269, D59889, D59653, D50979, D80024, AA305578, D51759, D80302, AA514188, AW360811, T03269, D80241, D80251, AI535686, AW377671,

	D80378, D51103, C06015, AW177440, T03116, AI525923, C05695, AW178893, D45260, C75259, D58246, D59373, AW375405, AW360844, H67866, C14407, C03092, H67854, C14973, AW366296, AW177501, AW178906, AW177511, AW360817, AW179328, AW179020, T48593, AW375406, AW378534, AW352171, AW179332, AW377672, AW179023, AW178905, D80064, AW177731, AW378528, AW178762, AW178754, AW179019, AW179024, AW377676, AW378532, D81111, T11417, Z21582, AI525917, AW360841, AW352120, D51221, C14227, AW177505, AW178775, F13647, D80258, AW178909, AW177456, AW179004, D59503, AW352170, D51250, AW178986, AW178907, AW177733, AW178908, AW179018, AW352158, AW178971, AW360834, AW352117, D59317, D80014, D59474, N66429, AI525920, AW177734, AW378533, D80949, AA514184, AW367950, D58101, AW179009, AW179012, AW178980, AW178914, AW178774, AW178781, AW378543, AW378540, AI557774, C14957, D60010, H67858, AW179013, D59551, D80168, C14298, AI525235, Z30160, AW178759, AI525215, AW178911, AI525227, AW378525, C14046, AW352163, AW378539, AI525912, D80228, AW177728, D59695, Z33452, AA285331, D51053, D45273, AI525242, C16955, D59627, D51213, AW378542, C05763, AI525925, AI525222, T02974, D13645, A62298, A84916, A82595, AR018138, A62300, A30438, AR008277, AR008281, Y17188, Y17187, AR008278, AF058696, AR060385, AB028859, AJ132110, AB002449, I50126, I50132, I50128, I50133, U46128, AR016691, AR016690, X82626, AR016514, I14842, X67155, AR060138, A45456, A94995, D26022, A26615, AR052274, A43192, Y12724, A43190, AR038669, A25909, AR066488, Y09669, AR066487, X68127, A67220, D89785, A78862, D34614, AR054175, AR008443,

1406	HTEPE28	876238	<p>1</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 694 of SEQ ID NO:1406, b is an integer of 15 to 708, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1406, and where b is greater than or equal to a + 14.</p>	<p>A63261, D88547, D50010, AR062872, A70867, AR008408, A64136, A68321, I79511, AR025207, D13509, AR060133, AF123263</p> <p>AA205046, AA383391, AI184616, AA223825, AI825541, AI469846, D42084</p>
1407	HUSGL79	876239	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 824 of SEQ ID NO:1407, b is an integer of 15 to 838, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1407, and where b is greater than or equal to a + 14.</p>	<p>AA045573, AA279920, R20139, AA372783, H21473, AB010812, AC004520, AF125534, AC007225</p>
1408	HPMFU84	876259	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 918 of SEQ ID NO:1408, b is an integer of 15 to 932, where both a and b correspond to the positions of</p>	<p>AI017564, AA809290, AW002023, AA405338, AA806993, AA405339, AA888974, AA236935, AI024655, AA262702, H49789, AI524770, N77703, AA362512, T88993, AA328171, C01908, U43374</p>

1409	HDLAD09	876260	nucleotide residues shown in SEQ ID NO:1408, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 751 of SEQ ID NO:1409, b is an integer of 15 to 765, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1409, and where b is greater than or equal to a + 14.	W79877, Z42158	
1410	HCQAW45	876261	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 518 of SEQ ID NO:1410, b is an integer of 15 to 532, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1410, and where b is greater than or equal to a + 14.	AI829532, AL008582	
1411	HCYAC01	876265	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 538 of SEQ ID NO:1411, b is an integer of 15 to 552, where both a and b correspond to the positions of	AA308914, AA308913, D59927, D50979, D80227, D58283, D80188, D80253, D80195, D80043, D59275, D80269, D59502, D59859, D80022, D80166, D80366, D81030, D51423, D59619, D80210, D51799, D80391, D80240, D59787, D80378, D80038, D80212, D80045, D80193, D80196, D80164, D80219, D57483, C14389, D59889, D50995, D80024, D59467, D59610, C14331, C15076, C14429, D80241, D51060, AA305409, T03269, D80522, D58253, C75259, C14014,	

		<p>nucleotide residues shown in SEQ ID NO:1411, and where b is greater than or equal to a + 14.</p>	<p>AW178893, D81026, D80134, AA305578, D51022, AW179328, D51250, D80268, AW177440, F13647, AW378532, AW178775, D80251, D80949, AW369651, D80168, D59695, AA514188, D52291, D51079, C14227, AW352158, D80248, AI910186, D81111, AW178762, AI905856, AW177501, AW177511, AA514186, D80133, AW360811, Z21582, C14298, D80064, C05695, AW352117, C14407, AW176467, AW375405, AW377671, D80132, AW360834, AW378540, D80302, AA285331, AW366296, AW360844, AW360817, AW375406, AW378534, D51097, AW179332, AW377672, AW179023, AW178905, AW352171, AW377676, D80439, AW178906, AW352170, AW177731, AW178907, AW179019, AW179024, D59373, D80247, AW179220, D80014, AW177505, AW360841, AW179020, AW178909, T11417, AW177456, AW179329, AW178980, AW177733, AW378528, AW178908, AW178754, AW179018, AI557751, D51103, AW179004, AW179012, C06015, AW352174, AW178914, T03116, AW378525, AW367967, D80157, AW177722, D51759, AW179009, AW177728, AW178774, AW178911, AW378543, AW352163, D80258, AI557774, AA809122, D59653, AW178983, AW352120, AW178781, D45260, T48593, D59627, T02974, C03092, AI535850, AW177723, H67854, H67866, AW378539, AI525923, D59317, D51213, D45273, C14975, T03048, D59503, AW367950, AW178986, D59474, AA514184, AI525917, AI525227, D58246, D60010, C14973, C14344, AW378533, C14957, D59551, AI535686, D51221, AW177734, AI525920, D60214, D58101, AI525242, C14046, AI525912, AI525235, C16955, AI525925, AI525237, AI525215, AW378542, C05763, Z33452, AI525222, AW360855, T02868, D31458, C04682, H67858, AI525928, C13958, U49017, A84916, AJ132110, A62300, A62298, AR018138, X67155, Y17188, D26022, A25909, A67220, D89785, A78862, D34614, D88547,</p>
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1412	HCROF86	876266	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1086 of SEQ ID NO:1412, b is an integer of 15 to 1100, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1412, and where b is greater than or equal to a + 14.</p>	<p>AR008278, AF058696, X82626, AB028859, I82448, AR025207, Y12724, AB012117, A82595, X68127, AB002449, AR060385, AR016808, A85396, AR066482, A44171, A94995, A85477, I19525, A86792, U87250, X93549, AR008443, I50126, I50132, I50128, I50133, AR016514, AR066488, AR060138, A45456, A26615, AR052274, I14842, Y09669, AR066487, A43192, A43190, AR038669, AR054175, A30438, AR066490, Y17187, I18367, A63261, AF135125, D88507, AR008277, AR008281, D50010, AR062872, A70867, AR016691, AR016690, U46128, AR008408, I79511, A64136, A68321, AB033111, D13509, U87247, AR060133, AR064240, AF123263, AR032065, U79457, X93535</p>
1413	H2CBJ83	876269	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 549 of SEQ ID NO:1413, b is an integer of 15 to 563, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI650543, W69438, W69521, H10084, AA489949, R13756, Z43027, F07990, F06224, AA326226, AW388196, AW388234, AW388225, AW388262, AW388176, AW388206, AW388208, AW388214, AW388253, AF086275, AB024057, AB017114, U88873</p> <p>AA403070, AA313305, AA361460, T78498</p>

1414	H2LAW73	876270	<p>NO:1413, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 569 of SEQ ID NO:1414, b is an integer of 15 to 583, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1414, and where b is greater than or equal to a + 14.</p>	AA315703, AI796815, T99503, AI049875, D80022, D80391, D59787, D80253, D81026, D80196, C14389, D80522, D80366, D80195, D59502, D59467, D80164, D59275, D80227, D58283, AA305578, D80193, D80043, D50979, D59859, C14331, D80166, C15076, D51423, D59619, D80133, D80210, D51799, D80240, D80212, D50995, D81030, D80269, D80248, D80038, D80188, D80219, D59927, D80251, D57483, D59610, D80378, AA305409, D51022, D80045, D59889, D80024, AA514188, AW177440, D80241, T03269, AW178893, AW377671, AA514186, AW360811, AW179328, C14014, AW378532, AW375405, D80268, AW352117, D51250, AW178762, D80168, AW366296, AW360817, AW375406, AW378534, AW352171, AW179332, AW377672, AW377676, AW179023, AW178905, AW178754, AW179024, D52291, D80302, F13647, AW179020, AW177456, D80439, T11417, AW178906, AW177731, AW178907, AW179019, AW179018, D80247, C06015, AW378528, AW178908, D51103, Z21582, AW360834, AW178914, AW178781, AW378543, AW378525, AW378540, AA593344, D80157, D59627, D59503, AW178774, AW352163, D58101, AA809122, T48593, D80064, T03116, C14227, D45260, AI525923, AI557774, AA285331, D51213, C03092, H67854, H67866, D80258, AW378533, D81111, D59317, AI557751, D45273, AW367950, AW178986, D59474, AI525917, T03048, D58246, AW378539, AW179013, D80014, C14973, C14344, AA514184, AI525227, AI535686, D51221, D59551, AI525920, C14407, Z30160, H67858, AI525242, AI525235, AI525925, C16955, AI525912, T02868, Z33452, T02974, AI525215, D31458, C13958, C14298, AW378542, AI525237, AJ132110, A84916, A62298, AR018138, AF058696, A62300, AB028859,
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1415	HWMCL22	876274	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 404 of SEQ ID NO:1415, b is an integer of 15 to 418, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1415, and where b is greater than or equal to a + 14.</p>	<p>AR008278, X67155, Y17188, D26022, A25909, Y12724, A67220, D89785, A78862, D34614, I82448, D88547, A82595, X82626, AR016808, A94995, AR060385, AR025207, AB002449, AR008443, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, I14842, Y09669, A43192, A43190, AR038669, AR054175, AR066487, AR062872, A30438, Y17187, X68127, A63261, D50010, AR008277, AR008281, A70867, AR016691, AR016690, U46128, AR008408, I79511, A64136, A68321, AR060133</p> <p>R86344, R86183, AC004686</p>
1416	HCRPZ42	876276	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 499 of SEQ ID NO:1416, b is an integer of 15 to 513, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1416, and where b is greater than or equal to a + 14.</p>	<p>AA285061</p>
1417	HCYBM32	876277	<p>Preferably excluded from the</p>	<p>AA305407, D51423, D51799, D80166, C14389,</p>

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:1417, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1417, and where b is greater than or equal to a + 14.</p>	D80133, D80522, D81030, D51060, D80248, D59610, D80366, D81026, D59859, D59619, D80210, D80240, D80253, AW377671, D80269, C14331, D58283, D80212, D50995, D80188, D59467, D51022, D80022, D50979, D80219, D80227, D80195, AA305409, D80391, D80164, D59275, D80038, D80043, D59787, D59502, D80241, D80251, D57483, D59889, D80196, D80024, D59927, AA514188, C15076, C14014, AA305578, D80193, D80268, AA514186, D80045, D80378, D80439, AW360811, AW177440, C14429, AW178983, C75259, AW178893, C06015, D59373, D80247, T03269, D80302, AW375405, AW360844, T11417, AW177501, AW179328, AW177511, AW366296, AW360817, AW375406, AW178906, AW378534, AW352171, AW179332, AW377672, AW179023, D80157, AW178905, C05695, AW378532, AW377676, D51103, AW360834, D51759, D80134, AW177505, AW360841, AW178775, D80132, D58253, D59653, D81111, AW178909, AW352170, AW178762, AW177731, AW367967, AW178907, AW378528, AW178754, AW179019, AW179018, AW179024, AW352117, D51250, AW176467, AW369651, D45260, AW179020, AW177456, F13647, AW179329, AW178980, AW352158, AW178914, AW177733, AW178908, AW178971, T48593, AW352174, AW179017, AW179004, AW178774, AW378543, AW179009, AW179012, D80064, D80258, C14227, D58101, AW352120, AW378525, AW352163, D80014, H67854, C14077, D50981, D58246, C03092, AI525923, T02974, AW178911, H67866, AW177722, AI910186, AW177728, AA514184, AA809122, T03116, D59503, AW367950, AI905856, AW378540, D59317, C14407, AI525917, AW178781, AI535959, AI525920, D45273, D51221, T03048, D60214, C14344, D59474, AW178986, C14973, AW378533, AI557774, AI535850, AW378539, AW177734, AW177723, C14957, D60010, C14298, AI535686, AI525235, D59551, AI525215,
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1418	HCRPI72	876278	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 915 of SEQ ID NO:1418, b is an integer of 15 to 929, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1418, and where b is greater than or equal to a + 14.</p>	
1419	HKCSA58	876280	Preferably excluded from the	AI5979

1420	HMWFC49	876281	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 230 of SEQ ID NO:1419, b is an integer of 15 to 244, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1419, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 158 of SEQ ID NO:1420, b is an integer of 15 to 172, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1420, and where b is greater than or equal to a + 14.</p>	AW410053	
1421	HMSIE02	876282	<p>Present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2279 of SEQ ID NO:1421, b is an integer of 15 to 2293, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1421, and where b is greater than or equal to a + 14.</p>	<p>AW451452, AI040326, AI650832, AA313243, AI650393, AI818259, AA534633, AI094737, AI033652, AI693411, AI341518, W30723, AW197245, AW051598, AW291994, AI274289, AI221551, AA035621, AA653321, AA634950, AA781232, AA136077, N99062, AA806117, AA136161, AA722867, AA932876, AI435016, AI659053, AI474321, H87560, AA843369, H21542, AA361623, N47604, N45494, AI907694, AA332538, H87452, AI284255, AA037342, AA365059</p>	
1422	HCRMZ34	876284	<p>Preferably excluded from the</p>	AA034416, AA491400, AA504783, W65331, AI885434,	

1423	HTGAM27	876300	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1646 of SEQ ID NO:1422, b is an integer of 15 to 1660, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1422, and where b is greater than or equal to a + 14.</p>	<p>AI553873, AI637992, AW172551, AA236838, AA053881, AA482166, AI680567, AI184074, R43006, AA491299, W61314, AA884262, R17801, AA888033, U96876</p>
1424	HCVBI20	876304	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 296 of SEQ ID NO:1423, b is an integer of 15 to 310, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1423, and where b is greater than or equal to a + 14.</p>	<p>AA187449, AW361774, AL034396, L14787, Z99130, AL031115</p>
1424	HCVBI20	876304	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3092 of SEQ ID NO:1424, b is an integer of 15 to 3106, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1424, and where b is greater than or equal to a + 14.</p>	<p>AI433336, AI763355, AI911988, AI436136, AI609777, AI859398, AA197062, AA305389, AI346370, AW271204, AA825907, AW242356, AI910841, AI673503, AI632367, AW269183, AW196356, AW273255, AI304550, AI419935, AI270299, AI247514, W01219, AI355117, N72988, AA030042, AW007158, AA070475, AW006961, AI304462, W57671, AA876039, AA705874, AA831500, H62242, AA897761, W03289, AA029912, AA305307, H93491, W91963, H82187, AI245415, AA643520, AW088307, H93492, R89908, AA377111, AI318375, AI961885, AA059231, AA883186, AW139085, AA581261, T85676, Z40302, AA887782, AA502293,</p>

			<p>AW264318, H62331, R93209, R07861, AA360792, H82082, T29678, F01458, AA527320, H61166, AI270229, AI932770, AW070350, R07916, AI765901, F04303, N74218, AA581216, AW268185, AI334444, AW274341, AW268947, AA128235, AI699588, AA128234, AI581851, C14331, D80022, D58283, D59927, D80247, D80248, D80043, C14389, D80227, D59467, D51799, D80439, D59502, D50995, D59859, D80522, D80166, D80195, D51423, D59619, D80210, D80391, D80164, D59275, D80240, D80253, D80038, D80269, D59787, AA305409, D51060, D81030, C14429, D81026, D80212, D80268, D80366, C15076, D80196, D80188, D51022, D50979, D80219, D80378, D59610, AA305578, AA514188, C14014, D57483, C03092, D59889, D80193, D80133, D80045, AA594216, D80024, AA514186, C06015, D80302, D80157, AW360811, D51103, AW177440, D59653, D51759, D80241, D80251, AW178893, T03269, AW377671, AW375405, C75259, H67866, D45260, H67854, T11417, AW352170, AW366296, AW178906, C14344, AW360844, X12901, A07400, M98454, A14103, A26237, X04657, AF058696, A62300, A82595, A84916, A62298, AB028859, AR060385, AJ132110, AR018138, AR008278, AB002449, I50126, I50132, I50128, I50133, AR016514, AR054175, X67155, AR060138, A45456, I14842, Y17188, A94995, D26022, A26615, AR052274, A43192, Y12724, A43190, AR038669, A25909, AR066488, Y09669, AR066487, Y17187, A67220, D89785, A78862, D34614, A30438, AR008443, A63261, AR008277, AR008281, AR062872, A70867, AR016691, AR016690, U46128, D50010, D88547, I79511, X82626, A64136, A68321, AR008408, X68127, AR025207, AR060133, AF123263, AR032065</p>
1425	HNEDH18	876306	<p>AA297291, AA504969, AA504982, AL119401, AA623598, AL134137, M20317, X14448, AL035422,</p>

Preferably excluded from the present invention are one or more

1426	HWMFQ61	876308	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 338 of SEQ ID NO:1425, b is an integer of 15 to 352, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1425, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1953 of SEQ ID NO:1426, b is an integer of 15 to 1967, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1426, and where b is greater than or equal to a + 14.</p>	U78027, M18242	AA769602, AA524145, AW007155, AI127421, AI826426, AI815931, AW193517, AI951907, AA290918, AA573859, AI879177, AI912328, AW070886, AI376231, AI352472, AW296096, AI956172, AA283702, AA583479, AA486429, AI095623, N91996, AA405889, AI089975, AA493377, AI147623, AA147930, H09366, AI879560, AI698813, AI493913, AA580211, AA737974, AI476337, AA423896, N24051, N32340, N66204, AA405729, AA507484, AI374680, AA489431, AA157554, AA147501, N35409, AA505515, AA489372, AA127433, N55519, H15112, AA173145, N57433, AA471177, AW401453, N63852, T78215, AA857801, N52066, H09309, AA780883, AL079771, AA356048, AA769879, AA173273, R25268, AA127432, R46621, AI707462, AA807765, AI423315, AA877529, AA836375, AA352973, AA148410, H85254, AA356047, AA326793, AA678778, R53945, AA278977, N99204, AA335034, R07396, AA423831, AA367574, AA715745, H84922, AI762734, R07347, F05138, AA058460, AW339712, AI701737, T29480, AA995682, AI815735, N48041, AI362375, N35874, F01382, AA329166, AA295203, AI476572, AA370912, H15111, AW182730, H09397, AA772378, AA158205, AA564008, D19907, AW161156, AI540674, AI918449, AW020406, AI587121, AL041150, AW020397, AI491904, AI564716,
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	AI923989, AW021717, AW410302, AI224373, AI307557, AA464646, AW020592, AI289310, AI623941, AI859991, AW236692, AI609760, AI879064, AI267185, AI567582, AL042753, AW020095, AI811603, AI621341, AI311472, AL038986, AI049850, AI927233, AI656188, AI560722, AA806534, AA502794, AI350489, AI679506, AW020710, AI961414, AI633383, AI580214, AL048871, AI349012, AI521005, AL079963, AL036705, AI525653, AI581033, AI590943, AI758445, AA580663, AI432570, AA641818, AI589428, AW192109, AW051059, F28295, AI242248, AI741158, AI499963, AW102798, AW021066, AW084056, AW057937, AW148876, R36363, AI638644, AI537677, AI434731, AW148478, AI141727, AW020373, AL048323, AI432507, AW169784, AL048340, AI382313, AI587209, N22276, AA514684, AI282268, N29277, AI538764, AI440263, AW020419, AI587000, AW160905, AW162194, AI273856, AI491710, AI891125, AW151136, AI536685, AI499279, AL079799, AI860027, AW129106, AI697236, AI797538, AI458588, AI348901, H41759, AI500061, AI372009, AW327825, AW022168, AA455772, AI699865, AW020629, AI002285, AI279925, AW085350, AI241901, AL138406, AL046466, AI281757, AI270295, AI632036, AI471282, AI500514, AW073996, AI872423, AI950892, AI341690, AW051088, AI890907, AI624245, AI524654, AI633125, AI472484, AW265582, AI698391, AI538564, AL036361, X15653, Y09008, A64377, AC007637, X89398, AC010582, Y08975, X99018, U55041, AL110292, X92986, X79093, A64383, AB016226, AL133637, I89947, U49908, E01614, E13364, I48978, AF175903, AL050024, AL122050, AL137529, AL137533, A08910, A08909, AL117460, AF026124,

	AF145233, A08908, Y11254, AL133560, AF082526, M85164, X70514, AL049996, AL050172, AJ005690, AR038854, AL110296, AF090900, AL080156, AF118090, AL137258, A08913, AF094480, I08319, U91329, J05277, AL049283, AF087943, A08912, AF146568, AF113690, AL133080, U42766, S76508, AL137523, AL035407, AL117587, AL133623, X82434, E06788, E06790, E06789, AF061795, AF151685, AF177401, AL137480, AF031147, AL137459, M96857, AL133568, AL137550, A91160, AL137539, AB031064, A08916, E05822, AL133640, AL049347, AL050277, AF118094, X06146, Y09972, E12747, A21103, AF159148, S36676, X99257, X60786, Y13350, AL137530, A76335, AR038969, AF111851, X63162, AF079763, AF111849, AL137574, S77771, S83440, S68736, A08911, AL080118, A18777, AL122110, AF061943, X67688, Y16645, AL110218, AF113699, AF069506, AF141289, U86379, I48979, AJ010277, I89931, A77033, A77035, AF017790, Z72491, AL117457, AL133606, D16301, I89934, I49625, A08907, L04849, AF065135, AF081366, S69385, AL133016, AJ003118, AL096728, AL050280, U55017, AL110199, AL110269, A15345, AL117648, AL049324, A07588, AF067728, A65341, Z13966, Z82022, X86693, AL122093, Y07905, AL117435, AR034821, AL137555, U35846, L04504, Z97214, X98066, AR020905, L13297, AL049339, AL137560, AL110221, X59414, AF158248, AL110228, AF106657, AL080148, AJ006417, AF008439, X83508, S78214, AC006112, AF061981, AR013797, L04852, X76228, X66862, AL137478, U02475, Y10936, AL110197, AL133112, AF016394, M27260, AL023657, AF125948, AL110225, AL137488, AL096751, Z35309, A18788, AF115410, E01573, E02319, I33391, AL049430, X89102, M85165, AL137479, AC002467, AL122049, AF118092, AL117416, U95114, X92070, AL137254, AL080074,

1427	HFIUZ10	876309	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 865 of SEQ ID NO:1427, b is an integer of 15 to 879, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1427, and where b is greater than or equal to a + 14.</p>	<p>AL050116, AF026008, AF039138, AF039137, AL049452, I32738, A23630, AF077051, AL110159, X63410, Y10655, S63521, AL049300, A86558, AF090943, X79812, AL110196, AF176651, X84990, AB007812, E01314, Z37987, AL133075, A07647, AF124728, AF036268, AL122045, I66342, AL050146, AL137485, AL133113, AL133619, AF102578, X96540, AR011880, AR053103, AC004878, Y10823, AI140058, AI148053, AA449704, AW080161, AA580334, AA448557, AI453006, AA863038, AI277552, AA723892, AI282002, AA879085, AI282089, AA928469, T81791, AA258329, AI271667, R02362, T82108, H66854, AC004080, M74297</p>
1428	HDPJE43	876322	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 507 of SEQ ID NO:1428, b is an integer of 15 to 521, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1428, and where b is greater than or equal to a + 14.</p>	<p>AA305011, M73047, X81323, U50194, A58393, M55169, A58395</p>
1429	HWLWR2 ₂	876326	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AW291224, AA027791, AI826645, AI970074, AI859242</p>

1430	HCRNUJ16	876327	<p>the general formula of a-b, where a is any integer between 1 to 292 of SEQ ID NO:1429, b is an integer of 15 to 306, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1429, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 731 of SEQ ID NO:1430, b is an integer of 15 to 745, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1430, and where b is greater than or equal to a + 14.</p>	<p>AI135311, AA576997, N33567, AI239529, AI474303, AW242213, AA665114, AI003594, AA983676, AI832948, AA890557, AA251288</p>
1431	HPRAZ22	876330	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 917 of SEQ ID NO:1431, b is an integer of 15 to 931, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1431, and where b is greater than or equal to a + 14.</p>	<p>AA634082, AA663929, AW451471, AW451304, AA700185, AA780866, AA634109, AA974089, AI422746, AI422171, AW117387, AI352179, AI934740, T29406, AA581945, N51197, AI813713, AW274227, AA884819, AI418378, N71535, AI250177, AI479657, AI491976, R70651, AA864343, AW051516, C01561, AA926708, AA595570, AA913798, N47990, AA927688, AA465663, AW008553, AI735695, AI014415, AW086054, AA731995, AI631350, N68464, AA688150, N66020, AI422914, R68953, AW380659, AI831007, AI057418, R24219, AW401518, AI476095, AI492721, AA805457, AW392708, AA040547, N52290, AW362897, D57651, AI814638, R46574, R24220, AA769734, D56634, R74511, D57409, N91308, R78553, R77666, R46649, AI351922, R63467, AW090402, H80687, AI567650, R70873, T83969,</p>

1432	HWLQG81	876333	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 350 of SEQ ID NO:1432, b is an integer of 15 to 364, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1432, and where b is greater than or equal to a + 14.</p>	AA370839, R23184, R68106, H04104, R78403, R68836, D56912, D56797, F01477, R23183, N30106, D56629, R68150, AI699279, R70543, R82008, N45543, R48545, D56817, AI276541, AI908540, R77667, R78505, R63400, AA459439, N26395, R69802, M28697, M90727, M31932, I07269, J03619, M90735, M28696, M31933, X52473, M31934, M31935, X17653, L08108 AA832206, AA974370, W46279, AW196653, AI023212, AA464174, AI420451, AI948608, AI890342, AA114888, AW300598, AI129358, AA669095, AA504203, AA521314, AA252310, AA280044, AA165321, AI718165, AI765613, AI797687, AA877638, N69756, AI831132, AI027401, AI701050, AA863081, AI807828, Z40146, AA995204, T71333, AI935316, Z19443, AI918466, F00129, Z28882, D57019, AL047889, AW369458, AA743770, AL047888, AW025464, D54675, AW149925, AW302960, AL036802, AA504439, AI927755, AL041772, AW163823, AW162194, AI866608, AL036274, AL041562, AL119863, AW238730, AL045500, AI699865, AI909697, AI340519, AI537677, AL110306, AI433157, AI698391, AI929108, AW026882, AI620284, AL079963, AI254727, AA640779, AI349645, AA613907, AW051088, AA572758, AL038505, AI699011, AI590043, AW129264, AL037454, AW059828, AW269098, AW268251, AW161156, AI064830, AL039086, AW020693, AW268768, AW300782, AI349933, AL036403, AI340603, AI581033, AI923989, AL119828, AW082113, AW300889, AL119791, AI309401, AW172745, AL036396, AL048656, AI349598, AL041150, AW020397, AI589428, AI783504, AI284517, AW161579, AW198075, AI567351, AL047344, AI813914, AL080046, AW089572, AI610293, AI753683, AW074993, AL079960,
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	AL040169, AW268253, AI500659, AI950892, AI312152, AI815232, AI500523, AI468872, AW160916, AW162071, AI349937, AL036638, AI348897, AI345180, AW150578, AI625464, AW302965, AL047042, AI252414, AW080402, AI802542, AI633125, AW087445, AI868931, AI348901, AW071417, AI864836, AL036673, AW301300, AL037582, AL037602, R36271, AW161202, AI270183, AI521012, AI312428, AW023859, AL118620, AW163554, AL135022, AI702073, AL046931, AI610645, AI539771, AI349614, AL038605, AI343112, AW302992, Z99428, AI866770, AI473536, AI499963, AL080045, AI560012, AI366549, AL121014, AI567582, AI345735, AL043355, AI801325, AI815855, AL038779, AL119748, AL036980, AI889189, AL134830, AI890507, AW068845, AI612885, AA579618, AI636456, AI866820, AI564719, AL119049, AI358701, AI497733, AL121365, AA528822, AI754897, AI091468, AI500662, AI440263, AL040241, AI472536, AW022808, AI697324, AI251221, AA493647, AI538850, F37471, AW301409, AI884318, AI860783, AI624293, AI345688, AL036146, AL039716, AW074869, AI307543, AL047100, AI335426, AI348777, AW071362, AL037030, AI569583, AI475371, AI635492, AI349256, AW075207, AI673363, AI343037, AW403717, AI669864, AW020419, AW149236, AL036901, AI682841, AI859991, AL120695, AI613038, AA580663, AI568114, AL119399, AI537837, AI683395, AL040456, AL036240, AI536685, AI307604, AL036631, AI538716, AA641818, AC002350, AL096744, I48979, U35846, I89947, AL122050, I09499, I48978, Y16645, AL110196, AL117457, U87620, AF090903, Y11587, AF177401, AF090943, E07108, AL133075, AL050116,

AF090901, AL122093, AF100931, AL137550, M27260,
AF090900, A08916, AL133606, AF078844, AL137538,
A08910, AL049382, AF146568, AF090934, A65340,
AL137271, AF183393, S78214, AL133565, A77033,
A77035, AL133640, A08909, AL133016, A08913,
AF113019, AL133557, I89931, AL050149, AF113013,
AF090896, X70685, AF113691, AL137488, AF079765,
AL133560, AF079763, AL137533, AF104032,
AF113694, AF125949, AF017152, AF097996,
AL049938, AL137557, AF031147, AF125948,
AL050146, AL117435, U42766, I00734, AB019565,
AL049300, AL049283, E05822, E00617, E00717,
E00778, E12747, AL080124, AR013797, AF067728,
AF087943, AL049452, AL110221, X63574, AL050277,
AF113690, AL133080, I33392, U58996, AL122100,
AL096720, E02221, AF091084, E02349, AL137548,
AL137480, AL122110, AJ000937, AL049430,
AL137459, L31396, AL137527, AL050393, L31397,
AF106862, AR011880, AB016226, AL050024,
AL117460, AL050108, E01614, E13364, A58524,
A58523, AF017437, AF118064, A65341, AF118070,
AL137478, I49625, AF111849, S68736, X72889,
AL080060, AR038854, AF118090, AF113676,
AL133113, AF057300, AF057299, AL080148,
AF113699, AL050172, Z82022, AJ242859, X84990,
AL080234, A03736, AF032666, A93016, AL137283,
AL049466, E06743, AL049314, AF111851, AF158248,
A08908, AF061943, AL133067, AL122098, AL137529,
AL122121, AL137479, U72620, AF113689, X79812,
Y11254, AR059958, AF106697, U80742, AL122123,
A08912, A12297, AL137521, AF102578, AJ005690,
E07361, X82434, AJ238278, AL023657, AL110225,
AF113677, AF153205, AF026124, AL096751, U68387,
AL137294, S61953, AF118094, AL117583, Y09972,
A86558, A07647, AL080137, AB029065, AF067790,
D83032, AF100781, X80340, AF210052, A18777,

1433	HOENU48	876334	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2579 of SEQ ID NO:1433, b is an integer of 15 to 2593, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1433, and where b is greater than or equal to a + 14.</p>	<p>AF159615, AL1117649, AL080158, Z37987, AL050138, U91329, X83508, AL137526, X87582, U92068, AL117416, U96683, AL137658, AL133568, AF185576, AL117394, AL050155, A21103, A08911, AL133093, D16301, AL137292, AF081197, AL080074, AR020905, AL080159, I17544, AF090886, Y14314, U78525, X65873, AL110218, AF119337, E03348, AF126247, U95114, U67958, AF065135, AL137560, AL133665, AL137558, AL050092, AJ012755, AF081195, A15345, X81464, AL049464, AL117585, AL110222, AL050366, A18788, AL137463, AL137429, AR038969, X63162, AL110197, AF061795, AF151685</p>
1434	HOUDK26	876335	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1038 of</p>	<p>AA521311, AA521314, AW300598, AI051218, AI631949, AA669095, AW298550, AA278335, AI694270, AW339489, AI797687, AA464762, AI948608, AI807828, AA810071, AA804200, AI718165, AA662808, AA504439, AI129358, AI632884, AI215774, AI299255, AA452985, AI765613, AA114888, AI348428, AA114887, AA504203, AI129632, AI701050, AI890342, AA256836, AI023212, AI935316, AA974370, AA252310, AA831496, AA705444, D57415, AA464174, AA280044, Z44155, Z25261, D54675, AA165321, T71333, AI420451, AA973497, N69756, T71487, W46279, AA877638, AI027401, AA255623, AA863081, AW196653, H47827, AA832206, AA995204, AA252340, Z28882, W46278, T48511, Z40146, AI831132, AA743770, D57019, AA344612, T84473, N87679, AI918466, Z19443, F00129, D56990, AI351209, AL047889, AW369458, AL047888, AC002350, D82786</p>
1434	HOUDK26	876335	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1038 of</p>	<p>H20994, H45211, H45368, H40040, H45293, H45192, AA205743, T24020, T90417, H20955, R70326, AF075043, AC004755, AC005516, AC005519, AL049836, AL080243, AC007358, AC004106, AC008394, AC005234, AC007546, AC005089, AL031597, AL031056, AC003690, AC005523,</p>

1435	HODDG78	876340	SEQ ID NO:1434, b is an integer of 15 to 1052, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1434, and where b is greater than or equal to a + 14.	AC002316, AC004861, AC002472, H30375
			Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 651 of SEQ ID NO:1435, b is an integer of 15 to 665, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1435, and where b is greater than or equal to a + 14.	AW247764, AA442668, AA491177, AW248120, AL048314, AA479828, AA421873, AW248094, H75462, Z42343, F06148, AA923747, F06007, AI445056, R14715, F13060, AR025386, X86779
1436	HAMFP80	876345	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1090 of SEQ ID NO:1436, b is an integer of 15 to 1104, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1436, and where b is greater than or equal to a + 14.	AI219740, AI478566, AI632246, AA279757, AA977612, AA716656, AA687260, AI801069, AA071046, AI985849, AW370598, AA630617, AW370599, AW370625, AA134295, AW390691, AI990289, AA134294, AA428452, AI143764, D30955, AW370620, AA352142, AA074442, T83462, AW071043, T79236, AI744728
1437	HWHQB10	876354	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 345 of	H40868

1438	H2LAB47	876361	<p>SEQ ID NO:1437, b is an integer of 15 to 359, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1437, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 395 of SEQ ID NO:1438, b is an integer of 15 to 409, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1438, and where b is greater than or equal to a + 14.</p>	<p>AA307985, AL044985, AA361756, AA016093, AA133547, AA046950, AF126424, AF106065, AF076838, AL122068, AJ001642, AJ131295, AJ004977, AF017748, AF098534, AF085736, AF106066, AC004993, AF098533</p>
1439	HIBAR28	876364	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 390 of SEQ ID NO:1439, b is an integer of 15 to 404, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1439, and where b is greater than or equal to a + 14.</p>	<p>AA355924, N83684, AA214701, H94179, AW298728, AI056829, AA278566, AA093069, T67190, AF092563</p>
1440	HCEFA76	876370	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 338 of</p>	<p>AL079827, AA503895, AB002353</p>

1441	HCQB131	876372	<p>SEQ ID NO:1440, b is an integer of 15 to 352, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1440, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 543 of SEQ ID NO:1441, b is an integer of 15 to 557, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1441, and where b is greater than or equal to a + 14.</p>	<p>AI491957, AA446825, Z42384, W86347, AC002064, T73581, T73682, T89320, T89957, R27248, R27450, R48643, H84547, H99963, N28347, N63131, N64745, N76150, AA047464, AA047398, AA086034, AA099567, AA099657, AA165569, AA169522, AA169441, AA173617, AA173616, AA169406, AA215775, AA251330, AA251391, AA258330, AA258494, AA258798, AA258704, AA258149, AA258122, AA419346, AA602860, AA622286, AA683139, AA683138, AA713685, AA743062, AA807661, AA825739, AA825993, AA828448, D78955, N87351, AA165525, AA210972, AA211395, AA416558, AA845854, AA971491, AA985073, AI023629, AI073499, AI090846, AI092089, AI093295, AI096814, Z41403, Z45751, AI302012, AI357671, AI367709, AI367710, AI201715, AI202745, AI445483, AI433348, AI478813, AI146981, AI151439, AI184769, AI658554, AI521058, AI537563, AI301471, AI634487</p>
1442	HTEGD78	876374	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 554 of SEQ ID NO:1442, b is an integer of 15 to 568, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1442, and where b is greater</p>	<p>AI811832, AI732557, AA151182, AI610370, AI672898, AI874058, AI758608, AL079276</p>

1443	HCYBN59	876376	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 640 of SEQ ID NO:1443, b is an integer of 15 to 654, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1443, and where b is greater than or equal to $a + 14$.</p>	AA305677, D80212, D80248, D80268, C14331, D57483, D80227, D59927, D80269, D80133, D59619, D80210, D80240, D80378, D80166, D80219, D81026, D80439, C14389, D80157, D81030, C14429, D80522, C15076, AA305409, AW178983, D80195, D51060, D80022, D80366, D59859, D59502, D51423, D51799, D80253, D80045, D59467, C14014, D58283, D80188, D80391, D80164, D59787, D59275, D80043, AA514186, D59889, D59610, D80193, D80196, D80251, D51022, D50979, D80024, D50995, AW377671, AA305578, D59373, D80038, D80302, AA514188, D80241, AW360811, D80247, AW177440, AW178893, AW352163, D51759, AW375405, T03269, C75259, D80258, AW178906, AW179328, AW366296, C05695, AW360844, AW360817, AW375406, D51103, AW378534, AW179332, AW377672, AW179023, AW178905, AW377676, AW378532, C06015, D80132, D80134, AW177501, D59653, AW177511, D80949, D59627, AW352171, AA809122, AW352170, AW177731, AW178907, AW378528, D59503, AW178762, AW179019, AW179024, D58253, D51250, AW176467, AW367967, AW360841, AW177505, AW179020, T48593, AW178775, AW360834, AW178909, AW177456, AW369651, AW352158, AW179329, AW178980, AW178914, AW177733, AW178908, AW178754, AW179018, D80014, D80064, AI557751, AW352117, AW178774, D45260, AW352120, D51213, AW179004, C03092, D51079, F13647, AW179012, D80168, AW378525, C14344, D59695, AW378543, AI525923, AW352174, AW177728, H67854, N66429, AW179009, D80228, D81111, AW367950, AW178911, AW177722, AI910186, AW378540, H67866, C14077, T11417, AW178781, AI905856, C14407, AW177508, D58246, AI525917, AW360855, C14227, D58101, D51221, T03116, AW178986, AW177497, T02974, Z21582, AI535850,
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1444	HCYBC3I	876379	Preferably excluded from the	

1445	HCQBM44	876380	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 885 of SEQ ID NO:1444, b is an integer of 15 to 899, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1444, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 351 of SEQ ID NO:1445, b is an integer of 15 to 365, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1445, and where b is greater than or equal to a + 14.</p>	
1446	HKCSP75	876381	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 362 of SEQ ID NO:1446, b is an integer of 15 to 376, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1446, and where b is greater than or equal to a + 14.</p>	
1447	HKCSP84	876382	Preferably excluded from the	AC000402, AC002322

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 289 of SEQ ID NO:1447, b is an integer of 15 to 303, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1447, and where b is greater than or equal to a + 14.		
1448	HPMFF45	876383	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 511 of SEQ ID NO:1448, b is an integer of 15 to 525, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1448, and where b is greater than or equal to a + 14.	R52326, AL110125	
1449	HE2CT52	876385	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 605 of SEQ ID NO:1449, b is an integer of 15 to 619, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1449, and where b is greater than or equal to a + 14.	H74219, AA315682, AA904381	
1450	HTNB176	876386	Preferably excluded from the	AW083135, AA808057, AI745495, AA599616, T36219,	

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 302 of SEQ ID NO:1450, b is an integer of 15 to 316, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1450, and where b is greater than or equal to a + 14.</p>	<p>AI918013, AA937922, AI591300, AI868123, AI041990, AA342254, T33591, D44838, F16827, AI360911, R11202, D25779, AI521589, AA076707, AI978792, AW068394, AA347093, AA323085, AA359192, AI446474, F17700, AL045709, AA077776, AI633427, AA533408, AA558298, AA835710, AA330573, R87547, AI151261, AI370475, AA297968, AI699060, AI114477, T92957, AI952780, AA972238, AA857296, AA663306, W23546, AW268277, AA643261, AI251111, AL042113, F26719, AA825357, AI132963, T47739, AI538812, AA548087, AA425924, AI890385, AA485716, AI538540, AA828762, H05073, AW419262, AW193493, AA527730, AI865988, T78484, AA468051, AW272763, AI049996, AI801141, AI913324, N84161, R82388, H82895, AW451360, AI053786, AI148927, AI445592, AI042342, AA487219, AA384039, AA572960, AL046782, AA487079, AI754013, AA492313, AI923011, C13960, AW271904, AI753951, AA634209, AI755085, AA614010, AA235575, AW238016, AA467988, AI791150, AI623899, AA063139, AI114752, AA362395, AW407340, AA935377, AI859946, H73174, AA775049, AA581914, AI634323, AI470956, AW419081, AI979005, AI671035, AI952900, AA708678, AA311071, AA814510, AA743989, AI696901, AI754923, AA663701, AA357307, AI859834, T52783, T65812, AI755236, AI475332, AL120976, AI915081, AA569182, AA664135, AA831904, AA526656, AW189278, AA569743, AA632845, AA714956, AA664789, AA525209, AA507625, AI252506, Z36239, AI241705, AA776552, H55878, T80500, AW176024, AI261913, AI275742, AL037910, AA829033, AC004084, AC004253, AC018767, AC006120, L78810, AC007055, AL031055, AC002400, U62317, AC005288, AL035587, AP000355, AC005341, AL021391, AL049780, AC005209, AL035455, AL034379,</p>
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	AL035450, AL121655, U76377, AF029750, Z82172, AL109827, AC005184, AC005778, AC006958, AC005071, AL031257, AC009286, AC006132, Z82214, AL035687, AC006146, AC004993, AL031295, AL049611, AF001549, AC006115, AC005670, Z98257, AC004815, AL121748, AL121603, Z85986, AL034421, AC005015, Z49258, AC007860, Z84572, AP000030, Z97200, AC002073, AL031767, AC004837, AC005666, AF196969, AC005339, AC005011, AL035458, AF111169, AC004797, AC005800, AL031846, AL121652, AP000459, AL024498, AC006160, AC002045, AC002472, AC002558, AC004485, AC005225, AF190465, AP000112, AC006501, AC005624, AC005081, AC005726, AC006026, AP000513, AC005911, AL049552, AF045555, Z99943, AL031659, AL050307, Z97630, AL031054, AC004821, AC007406, AP000140, AC005306, AL049557, AC005088, AL109967, AC007437, AP000036, AC007536, AC007899, AC007114, AF042090, AC005480, AC006547, AC004386, AC004876, AC005251, AC003041, AL022316, AC005378, AL080242, Z85987, AC006965, AC007021, AC003104, AF134726, AC006013, AC006064, AL096774, AB020866, AP000133, AP000211, AC006049, AF064863, AC007993, AL031311, AF015262, AL035697, AF205588, AC005231, AC007151, AL034547, AC007488, L44140, AL021546, AC006299, AF146367, Z98036, AP000144, AL031282, Z99128, AF053356, AL133243, AL035451, AC007283, AC002996, AC005082, AC010582, AL031589, AL034420, AP001054, AL132985, AL034451, AC006116, AF118808, AC006380, AC007298, AP000065, AC002316, AP000088, AC005786, AC000003, AC005598, AC005663, AC006978, AL031733, AC004050, AC002538, AC005284, AP000216, Z93241, AC007227, AL049845, AC004849,

1451	HE9ND38	876387	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 351 of SEQ ID NO:1451, b is an integer of 15 to 365, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1451, and where b is greater than or equal to a + 14.</p>	<p>AP000474, AC006344, Z75744, AC007390, AL049795, AL022721, U91321, AC005808, AC004448, AC010197, AP000517, AL031291, AL021808, AC005366, AL031681, AC003982, AC005874, AF134471, AL132712, AC004647, AL078593, AC007565, AC005751, AL031594, Z82206, AL031286, AP000959, AC004000, AC007510, AC006530, AC005280, AC007649, AP000230, AC005971, AC006480, AL022165, AC002364, AL132992, AC006323, AC004020, AC005821, AF006501, U63721, AC005799, AL050312, AF038458, AL021397, U95742, AL031121, AF124523, AC004227, AC003101, AL022323, AF019413, AJ229043, AJ003147, AP001037, AC006285, AC009464, AC006039, AC005048, AC002377, AP000692, AC005245, AC006597, AC002365, AL049643, AL050318, AC005057, AC002115, AC007221, AC004814, AC004111, AL035462, AA334551, AA307537, AF002996</p>
1452	HPIAK40	876395	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 756 of SEQ ID NO:1452, b is an integer of</p>	<p>AI902815, AI910057, AI902293, AR062079, E05133, AI4565, I19407, E05330, E05331, E05332, A27627, E05329, E03742, E06073, I19413, I19414, E15669, AR028747, A58083, E17345, I12374, AR062080, E17343, E17344, E05159, E05147, E05139, E05134, I57961, E05162, E01336, I12376, E17339, E17340, E17341, E17342, A37179, E05144, E05135, I21469,</p>

1453	HHPGD10	876397	<p>15 to 770, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1452, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 548 of SEQ ID NO:1453, b is an integer of 15 to 562, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1453, and where b is greater than or equal to a + 14.</p>	<p>E05152, E05153, I21461, I90026, E05143, A14547, I21454, I31067</p> <p>AW361614, AB023235</p>
1454	HCQB147	876398	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1753 of SEQ ID NO:1454, b is an integer of 15 to 1767, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1454, and where b is greater than or equal to a + 14.</p>	<p>AA527356, AI093930, AI635756, AW150892, AW340249, AI683004, AA574295, AA578334</p>
1455	HE8DW67	876399	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 386 of SEQ ID NO:1455, b is an integer of</p>	<p>AA308646</p>

1456	HONAH83	876400	<p>15 to 400, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1455, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 998 of SEQ ID NO:1456, b is an integer of 15 to 1012, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1456, and where b is greater than or equal to a + 14.</p>	<p>N44636, AW292774, AA398365, H29990, R92869, AA403200, N44265, AA362919, AI914181</p>
1457	HHGCW95	876401	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 623 of SEQ ID NO:1457, b is an integer of 15 to 637, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1457, and where b is greater than or equal to a + 14.</p>	<p>AA573757, AA161293, AA524449, AI742214, AA622626, W96506, AI476586, W96473, AA570007, AI216739, AW168439, T06973, AI268257, AI702993, AA502262, AI911816, AI796804, AA480659, AA552367, AI709265, AI809403, AI445236, AA552072</p>
1458	HCYBI75	876402	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 528 of SEQ ID NO:1458, b is an integer of</p>	<p>AA305438, AA056382, AW188096, AA308744, AI702438, C14389, D59927, C14331, D80022, D50995, D80166, D80212, D80391, AW178983, D59787, D59619, D80210, D80240, D80045, D80268, D58283, D81030, D80196, D59467, D51022, D59859, D51799, D80227, D80195, D51423, D80164, D59275, D80253, D80043, D59502, AA305409, D80219,</p>

	<p>15 to 542, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1458, and where b is greater than or equal to a + 14.</p> <p>D80269, D80248, D81026, D80366, D80188, D50979, D80522, C14429, C15076, D59610, AA305578, D51060, D80193, D57483, D80038, C14014, D59889, D80133, D80024, AA514188, AA514186, D80439, D80378, AW360811, AW177440, D80247, D80241, D80302, D80251, AW178893, T03269, AW377671, AW375405, D80157, AW178906, AW179328, AW366296, C75259, AW360844, AW360817, AW375406, D51103, AW378534, D51759, AW179332, AW377672, AI139921, AW179023, AA056479, AW178905, AW378532, C06015, AW352170, AW177501, AW177511, D51250, C05695, D59373, D80132, AW352171, AW377676, AW177731, AW178907, T48593, AW378528, AW178762, AW179019, AW179024, D80134, D59653, D58253, AW176467, D59627, AW367967, AW177505, AW360841, AW369651, AW179020, AW178775, AW178909, AW177456, AW360834, AW179329, AW178980, AW178914, AW177733, AW178908, AW178754, AW179018, AW352158, AW352117, D45260, AW178774, D58101, D59503, F13647, AW352120, AW179004, AW179012, AW378525, AW352163, T11417, D80949, H67854, D80168, C03092, AW378543, AW352174, H67866, AW177728, AW367950, AA809122, AW179009, AW178911, C14344, AW177722, D51213, AW378540, AI910186, D80228, AI525923, D80064, AW178781, D80258, AI905856, C14227, D45273, C14973, C14046, T03116, AI525917, D58246, D81111, D59317, D80014, AA514184, AC004510, AC002384, U95626, AC006013, U88897, AC003013, AL050339, AC005145, AC004768, AL139054, AC005090, AC002530, AC006364, AC007207, AL121879, Z56740, AF058696, A84916, A62300, A62298, AB028859, AJ132110, AR018138, AR008278, A82595, D26022, AR060385, AB002449, X67155, A25909, AC004791, Y17188, A94995, Y12724, A67220, D89785, A78862, D34614, AR008443, I50126, I50132, I50128,</p>
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1459	HCRMK04	876404	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 517 of SEQ ID NO:1459, b is an integer of 15 to 531, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1459, and where b is greater than or equal to a + 14.</p>	<p>I50133, A43192, A43190, AR060138, D88547, AR066488, AR016514, A45456, I14842, A26615, AR052274, I82448, AR038669, X82626, Y09669</p> <p>AI057537, AI862687, AI686128, AW002455, AA875951, AI783596, AI050998, AI273307, AI374905, AI224513, AA460225, AI042000, AI610450, AI829581, AA75736, AI364904, AI698790, AA844090, R71519, AI860091, AI523843, AI767012, AI473515, AI350561, AW188551, AL119399, Z99396, AL119324, AL119457, AL119443, AL042544, AL134524, AL036418, AL038837, AW392670, AL037051, AL036725, AA631969, AW372827, AL039074, AW384394, AL119497, AL119418, AL036858, AL134920, AW363220, AL036924, AL119483, U46341, AL119319, AL038509, AL039564, AL039085, AL119396, AL039156, AL039108, AL039109, AL039128, AL119484, AL119363, AL119341, AL119391, AL119355, AL119335, U46350, AL119522, U46349, U46351, AL119496, AL037094, AL037526, AL039659, AL036196, AL036190, AL037639, AL042965, AL038531, U46347, AL042614, AL037085, AL119444, AL036767, U46346, AL037082, AL042975, AL119464, AL037205, AL119488, AL134533, AL119439, AL036268, AL039625, AL039648, AL045337, AL038520, AL134538, AL036238, AL134518, AL042984, U46345, AL038447, AL042909, AL039678, AL039629, AL134527, AL042433, AL039386, AL042551, AL134531, AL039423, AL037077, AL042970, AL043029, AL042450, AL043011, AL043019, AL037615, AL038851, AL042542, AL036998, AL036733, AL037178, AL043003, AL036765, AL036719, AL037027, AL039410, AL036679, AL036774, AL037021, AL036191, AR060234, AR066494, A81671, AR023813, AR064707, AR069079, AB026436, AR054110</p>
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1460	H2CBF13	876405	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 593 of SEQ ID NO:1460, b is an integer of 15 to 607, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1460, and where b is greater than or equal to a + 14.</p>	AA307313, AA312913, AI203434
1461	HKCSO44	876408	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 107 of SEQ ID NO:1461, b is an integer of 15 to 121, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1461, and where b is greater than or equal to a + 14.</p>	
1462	HWLKU83	876409	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 692 of SEQ ID NO:1462, b is an integer of 15 to 706, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1462, and where b is greater than or equal to a + 14.</p>	AW014464, AA693558, N74561, AI024015, AA332850

1463	HE9RM22	876418	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1751 of SEQ ID NO:1463, b is an integer of 15 to 1765, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1463, and where b is greater than or equal to a + 14.</p>	<p>AI492422, AI357898, AW296940, AA931635, AW296456, AI038836, AI265919, D59291, AA694009, AA700680, H06163, H66881, R23681, T86478, T86479, H81425, AI016343, Z38898, T16577, Z42746, Z42275, T89377</p>
1464	HCRPQ93	876419	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 461 of SEQ ID NO:1464, b is an integer of 15 to 475, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1464, and where b is greater than or equal to a + 14.</p>	
1465	HPDDL36	876420	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 184 of SEQ ID NO:1465, b is an integer of 15 to 198, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1465, and where b is greater than or equal to a + 14.</p>	<p>AA366524</p>

1466	H2CBM09	876422	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 500 of SEQ ID NO:1466, b is an integer of 15 to 514, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1466, and where b is greater than or equal to a + 14.</p>	AA307727, AL121460, Z56847, Z57345
1467	HKCAA10	876425	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 635 of SEQ ID NO:1467, b is an integer of 15 to 649, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1467, and where b is greater than or equal to a + 14.</p>	AA192455, AW294111, AA707196, AI924499
1468	H2CBI25	876426	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 465 of SEQ ID NO:1468, b is an integer of 15 to 479, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1468, and where b is greater than or equal to a + 14.</p>	AA307505, AA360083

1469	HKJSB80	876427	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 385 of SEQ ID NO:1469, b is an integer of 15 to 399, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1469, and where b is greater than or equal to a + 14.</p>	AA718982	<p>AA307365, AW009512, AI609285, AI659851, AA301898, AI671626, AI818892, AW025713, AA490857, R40307, AA700491, AI273067, AA834371, AI368173, AW316631, C05075, AA480122, AA348046, D59610, AA089704, D80241, D59467, Z21582, D80212, D80045, D59859, D51423, D80188, D80166, D58283, D81030, D59619, D80210, D51799, D80240, D80253, D59889, D80195, D80038, D80022, D80219, D80043, D80391, D59275, D57483, D59787, D80227, D59502, D80366, D80196, D50995, C14331, D80164, D59927, D80269, D50979, D80024, D80193, D80378, C14389, C14014, C15076, AA305409, D51060, C75259, T03269, D58253, C04935, AW178893, F13647, D80134, D59695, D81026, D80268, D51250, D80522, D51022, D80949, AW179328, AW352158, AW378532, AW177440, AA305578, D80168, AW369651, D80248, D51079, D81111, D80251, C14227, D52291, AW178762, AA514188, C14298, D80133, AA514186, C14407, AW360811, AI557751, AW378540, D51097, C05695, AW375405, AW360834, AA285331, AW377671, D80132, AW366296, AW360817, AW375406, AW378534, AW179332, AW377672, AW179023, D80439, AW178905, AW179024, D80302, D59373, AW179020, AW177456, AW352171, AW377676, AW178906, AW352170,</p>
1470	H2CBE84	876428	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 446 of SEQ ID NO:1470, b is an integer of 15 to 460, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1470, and where b is greater than or equal to a + 14.</p>		

1471	HSEBD08	876431	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1993 of SEQ ID NO:1471, b is an integer of 15 to 2007 where both a and b</p>	<p>AW177731, AW178907, AW178754, AW179019, D80247, D58101, D80014, AW179004, AW179012, D51759, AW178980, AW177733, AW378528, AW178908, AW179018, T11417, H67866, T03116, D80157, AW178914, AW178781, AW378525, D51103, D59627, C06015, AI557774, AW352120, AW177728, AW178774, AW178911, AW378543, AW352163, D80258, D59653, D45260, T02974, D59503, D51213, T48593, H67854, AI525235, H67858, C03092, AW378533, AA809122, AW367950, D80064, AW178986, AI525923, D58246, C14957, D59551, AA514184, AI525917, D50981, D45273, D59474, C14344, D51221, D59317, D80228, C14973, AI525920, C14046, D60010, AI535686, AI525912, AI525227, AI525215, AC002036, A62298, AJ132110, A84916, A62300, AR018138, D88547, D34614, X67155, Y17188, D89785, D26022, A25909, A67220, A78862, AR008278, A45456, X82626, AF058696, AB028859, AR025207, Y12724, AB012117, X68127, AR066482, A85396, A82595, A44171, A85477, A94995, I19525, A86792, U87250, AR060385, X93549, AB002449, AR008443, AR016808, AR064240, I50126, I50132, I50128, I50133, A30438, AR066488, AR016514, AR060138, A26615, AR052274, Y09669, A43192, A43190, AR038669, I14842, AR054175, AR066487, I18367, AF135125, Y17187, A63261, D88507, AR008277, AR008281, D50010, A70867, AR062872, AR016691, AR016690, U46128, AR008408</p> <p>AA781174, AW242810, AI888669, AI572847, AW301246, AA773636, AA053054, AA112389, AA053397, AA699864, AA112388, AA974581, AI524767, AW377081, AW016549, D62897, AA954644, AA169505, AW377047, AA092662, AW362046, AA629163, S72869</p>
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1472	HPMFM22	876432	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1471, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 386 of SEQ ID NO:1472, b is an integer of 15 to 400, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1472, and where b is greater than or equal to a + 14.</p>	R42236, AI268027
1473	HDHEB14	876435	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1264 of SEQ ID NO:1473, b is an integer of 15 to 1278, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1473, and where b is greater than or equal to a + 14.</p>	AI913961, AA621915, AI768685, AW009951
1474	HAIDH43	876436	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 461 of SEQ ID NO:1474, b is an integer of 15 to 475, where both a and b</p>	AI744435, AA725348, AI910436, AA771917, AW275132, AI915670, AI217575, AA772389

1475	HJAAAL27	876440	correspond to the positions of nucleotide residues shown in SEQ ID NO:1474, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:1475, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1475, and where b is greater than or equal to a + 14.	AA354378, AA397949, AA007514
1476	HA5ABI4	876441	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1005 of SEQ ID NO:1476, b is an integer of 15 to 1019, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1476, and where b is greater than or equal to a + 14.	AI381990, AA523925, AI381991, AI673419, AA535262, AI990950, AW369662, AI272934, AI150565, AW316722, AI142707, AW338227, AA487031, AA486591, AI968726, AA614168, AA632457, AA122026, AA482527, AA512956, AA658276, AA541675, AA451748, AI677810, AI587642, N64192, AI250993, AA424310, AI905464, AA229168, AA122025, AL035551
1477	HWLNS47	876444	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 843 of SEQ ID NO:1477, b is an integer of 15 to 857, where both a and b	AA279461, R59258, T80331, Z45041, F13132, T75390, AA099543, AA669197, H08922, H57648, AW304022, AA304745, W79474, AW118919, R59760, W86555, R18710, AF083033, AR028451, AF072860, Z84477

1478	HE8U103	876447	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1477, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2757 of SEQ ID NO:1478, b is an integer of 15 to 2771, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1478, and where b is greater than or equal to a + 14.</p>	<p>AW340972, AI763378, AI745530, AI400359, AA634799, AW373755, AA406542, AW008882, AI379597, AW373615, AI858439, AI380423, AI628029, AW074041, AI538874, AW189012, AA857364, D82303, AA224830, AA132792, AA224831, AA524982, AW364047, AI678604, AI142902, AA133068, D82445, H39906, AA593133, AA644624, AA888921, AA411736, AI992380, AI679729, AA904079, AA494400, AA577041, AI282492, AI640743, AW074288, AI535647, AA551421, AA336073, AA505483, AI469669, AI284099, AI284098, AI201463, AI872908, AI610272, AA829570, AI290109, AI903549, AI903561, AI611723, T11347, AI903513, AA337475, AI567336, AI925611, AW389340</p>
1479	HDTLK03	876448	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2051 of SEQ ID NO:1479, b is an integer of 15 to 2065, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1479, and where b is greater than or equal to a + 14.</p>	<p>AA442527, AW262626, AW391549, AW304931, AI669606, AI858160, AA085664, AA659697, AI632828, AA134338, AA984772, N22162, AA085613, AW197240, AW129348, W26560, AI311237, AI336661, AI343171, AW274348, AA581646, AI344929, AA935005, AI017643, AI335437, AA847210, AA730055, AW268074, AW089030, AI382955, AA662650, AW193002, AA648105, AI933533, AA782687, AA389680, AA334191, AW370221, AA373813, AI914719, N71529, AA186588, AW363311, AA373153, AA120820, D20893, AI557148, T24490, AA249060, AI741448, W73136, W73116, AI251367, AF086334</p>
1480	HMTBC69	876451	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>D50810, U62768, U62769, U32990, U76997, AJ131025, AJ131026, AJ131027, AJ131028</p>

1481	HMUBP81	876452	<p>the general formula of a-b, where a is any integer between 1 to 706 of SEQ ID NO:1480, b is an integer of 15 to 720, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1480, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1153 of SEQ ID NO:1481, b is an integer of 15 to 1167, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1481, and where b is greater than or equal to a + 14.</p>	<p>AI279547, AI083565, AI804064, AA252212, AA306506, AI083894, AW183913, AI288218, AA973053, AA252213, AI440455, N23315, AI300175, AW152434, AI864289, AI217669, N32475, AA825339, AI564974, AA765563, N23439, AA234876, AA235303, T47445, AA311785, AI147554, AA738131, AI560760, AA993026, T90472, AA573442, AI279529, AA193637, H11688, AI937674, T47444, AA740441, D81882, H96821, T83136, AI219090, AA573498, AA371301, AA809694, AA193600, AA766413, AA258658, AA258659, C01339, AL008729</p>
1482	HAPOT58	876458	<p>the general formula of a-b, where a is any integer between 1 to 2115 of SEQ ID NO:1482, b is an integer of 15 to 2129, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1482, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2115 of SEQ ID NO:1482, b is an integer of 15 to 2129, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1482, and where b is greater than or equal to a + 14.</p>	<p>AL037788, AI686047, AI753484, AI636777, AI861877, AI935355, AI144560, AI192999, AI806026, AA081086, AI140416, N52261, AI984946, AI126835, AI375382, N31999, AI431922, AI000687, AA281546, AI354844, AW368199, AI806020, AI192995, AA432212, AI796776, AI765555, AI436119, N62465, AA16953, AI392798, AA504837, AA993835, AI942228, N74643, AA962052, N31979, H80204, AI340563, AW025654, W95677, AI373352, AA928965, AA505730, AA598619, AA281547, AA455805, AI373515, AA919147, AI879179, AI656682, AI350119, AI143974, AA283875, AI810436, AI761126, AA456624, AA931610, AI634994, AI149059, H58033, AA282093, AI762032, AI867892, W39405, W15216, AA456424, AI493979, W26521, AI418808, W95891, AA470851, N92893,</p>

1483	HCFLR18	876459	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 519 of SEQ ID NO:1483, b is an integer of 15 to 533, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1483, and where b is greater than or equal to a + 14.</p>	<p>H81006, AA136357, AA359333, N50738, AI309586, AA783008, AW293385, AA373138, AW363229, AI919006, T81361, W95965, AA283984, AA371258, AI589997, AA605260, AA370986, AI690377, AA359446, W73659, H78829, AA113788, AI761221, AI469943, AA609846, AI864350, W25612, R24652, AA360514, AI907228, AA831054, AA355628, H78428, AI473940, AA291183, AA745877, AA136269, T24969, AI693730, AA706077, N83393, AA070852, AI905829, AI587625, N88059, AW363223, AI559993, AA526788, AI216608, AW371352, AI634388, N79184, AW363222, AA594328, AA400847, AI209205, AA393670, H83189, AF161432</p>
1484	HDPAA38	876464	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 887 of SEQ ID NO:1484, b is an integer of 15 to 901, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1484, and where b is greater</p>	<p>AA807288, AL036653, AL036654, AI289925, AI291875</p> <p>AA873176, AA931378, AI218111, AI014843, AA379509, AL021155, AC004663, AC005379, AL096702, AF187320, AL117258, U95740, AC004797, Z95704, AC004636, AC005071, AP000952</p>

1485	HCYBM66	876465	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 768 of SEQ ID NO:1485, b is an integer of 15 to 782, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1485, and where b is greater than or equal to $a + 14$.</p>	AA116082, AA305687, C14014, D80269, D80227, AA809122, AA305409, C14389, D80391, D59787, D80196, D58283, D59859, D80022, C14331, D80166, D80195, D59467, D51423, D59619, D80210, D51799, D80164, D59275, D80240, D81030, D80253, D80043, D59502, D80212, D80188, C15076, D80219, D59927, D57483, D80366, D80038, D50979, D59889, D80193, D50995, D80024, D59610, D80378, H67854, T03269, C14429, AW178893, D80241, D80045, AW179328, D51060, AW177440, D51022, C75259, AW378532, AW369651, AA305578, AW178775, AW178762, D51250, AW352158, D80134, AI910186, D80251, D81026, D80248, H67866, AW177501, AW177511, AA514188, AW360811, F13647, D80522, C14227, D58253, AW352117, AA514186, AI905856, D80133, AW176467, AW375405, AW352163, D80168, AW377671, AW377676, AW360834, AW366296, C05695, AW352171, AW360844, D81111, AW360817, AW375406, C14298, AW378534, AW179332, AW378540, AW377672, AW179023, AW178905, D80064, D80268, C14407, D80132, AW352174, AW178906, AW352170, AW177731, AW178907, AW179019, AW179024, D80439, U91321 AC008122, AL021808, AC007649
1486	HPWAY46	876469	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 877 of SEQ ID NO:1486, b is an integer of 15 to 891, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1486, and where b is greater than or equal to $a + 14$.</p>	
1487	HLTAH77	876470	<p>Preferably excluded from the</p>	AI359524, AW003850, AI089719, AI359474,

1488	HWLXX39	876471	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1167 of SEQ ID NO:1487, b is an integer of 15 to 1181, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1487, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 491 of SEQ ID NO:1488, b is an integer of 15 to 505, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1488, and where b is greater than or equal to a + 14.</p>	<p>AI652055, AI948841, AI824819, R87348, F13369, T77492, Z43232, N50592, F11622, AA360610, F08357, AF035282</p> <p>AI879483, AA553761, AW363300, AW162358</p>
1489	HPTWG85	876472	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 637 of SEQ ID NO:1489, b is an integer of 15 to 651, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1489, and where b is greater than or equal to a + 14.</p>	<p>AI652564, Y17108, Z92544, Y17258</p>
1490	HE6BS09	876473	<p>Preferably excluded from the</p>	<p>AL120741, AA573741, AW409804, AA191552, W93042,</p>

	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2954 of SEQ ID NO:1490, b is an integer of 15 to 2968, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1490, and where b is greater than or equal to a + 14.</p>
	<p>AW402618, AW409704, AA496304, AW073345, AW300845, AA744892, N39760, AW176264, AI498051, AA419262, AA932846, AA632390, AA504894, AI564499, AI128977, AA737814, AA419313, AA565758, N26317, AW291428, AA533063, AI375164, AA662704, AA935484, AA128486, AI266104, N32937, N42608, AA307525, AI272853, AI354318, AA565783, N35109, AA191421, AI091816, W24942, N62754, AA113164, AI139914, R35445, AI358925, AI524297, AA411740, AW169734, AA342234, AA864231, AI219732, R75982, AA506884, AA868134, N95815, AA952966, AA406562, AA422127, AI277114, AA568586, AI307129, AA552501, AA325046, R80092, AA296682, AA075972, AI660916, AA877488, T48678, R25740, T78250, AL079578, AA504946, AA923223, R76813, R27494, AA348004, AA694309, AI538662, H04698, AA337541, AA356674, T48679, AA738377, AA368983, AA074378, AA809882, AA588403, AI672899, T78083, N79702, R25658, AI202481, AA311735, AA112425, R27510, R32527, R28609, AA129797, R25647, AI364021, AA578870, AI864211, AL079579, AA665375, R79989, AA355436, R34256, AA368982, AA348005, AA327401, N43853, AA937676, AA876470, AA235504, AW166979, AA548792, AA337180, AI520916, AI684053, AA054425, AI866770, AA878790, AI890907, AI348854, AI608932, AW001426, AI358701, AI680498, AI554343, AI620639, AL038445, AI961589, AI758437, AA911767, AI611348, AW022682, AW131288, AA603709, AI288285, AI344935, AI310575, AL037582, AL037602, AI340533, AL042191, AI349645, AW268253, AI702301, AI345253, AW083175, AI349937, AI621209, AI345026, AI559531, AI554485, AW150804, AI340627, AI963846, AW303089, AI859429, AI335235, AA908294, AW105601, AI497733,</p>

	AI307569, AI340511, AI263331, AL036980, AI559632, AI334930, AW004896, AL036904, AI345739, AI340659, AI343091, AI251221, AW074869, AI932638, AI247193, AI690813, AI634224, AW268072, AI335208, AW089275, AW302992, AA983883, AI872423, AI500588, AW169604, AW079336, AW026882, AI815232, AI310582, AW074993, AW129106, AI445131, AI335426, AI349957, AI348777, AW301300, AL041150, AW075207, AI312152, AI343037, AI310940, AI470293, AI889148, AW152469, AI690411, AI349226, AI345005, AI348879, AW075084, AI886206, AW058233, AI349614, AI343112, AW193134, AI307543, AI307210, AI312156, AI307708, AI349598, AW302988, AI859733, AI349256, AW167222, AI313320, AI345735, AI801460, AI620284, AW023338, AI432969, AW072588, AI307520, AW088805, AI249323, AI869367, AI334884, AW071412, AI207454, AI312325, AI343140, AI349971, AW089689, AW081797, AI783504, U49908, M30514, E02349, I48978, AL117435, X84990, AF118070, AF113699, AL049464, AL050277, X83508, AL049314, I89947, A08916, I03321, A08913, AJ238278, A08910, A08909, AF090943, AR029490, X63574, I89931, A08908, AL137521, AL133568, I49625, AL050393, AJ012755, AR038854, AF028823, AL133557, U49434, AR011880, AR038969, AL133016, A08912, I48979, X96540, AF113694, AF113690, AL080127, AL023657, AF158248, AI8777, AF079763, AL117457, E02221, X53587, AF090896, AF118094, AL049382, AF106862, AF113677, A90832, AL137550, AL117432, AL110222, AL137292, E04233, U58996, AB007812, AF017437, AF100931, AF118090, I42402, AF026124, AL050116, AL050092, U35846, AF008439, AL050172, Y10080, AL110197, AF111849, AL117649,

1491	HERAM35	876474	Preferably excluded from the	<p>AF090900, AF125949, S78214, AF061943, I26207, X82434, U67958, AL117416, E08631, U78525, AF104032, S75997, AF091084, AL049452, X70685, AL117583, A03736, AF113019, AF090934, AR034830, I96214, AF215669, AL137478, AL110196, AL110280, A07647, AL137558, AL050138, AL133072, AL137480, U91329, A08911, AL049300, AL049466, AF183393, AL133081, Z37987, AF162270, U00763, AL137429, I09360, AL050024, AL080124, AL133098, AL117460, AL117585, AL096744, AF026816, U42766, AL080154, AJ242859, X52128, AL049465, AL080158, I00734, Y07905, E12747, X72889, AL133560, A58524, AL080074, A58523, AL122110, AF003737, AF100781, AL137526, AL137523, AF097996, AF051325, E06743, AF132676, AF061836, AL110225, M86826, AL133665, Y09972, AL050108, AL137488, AF106657, AL133113, AF113013, AL080234, AL133565, AF061573, AL137463, I89934, I89944, AL080086, AF078844, Y10655, AR020905, AL122093, Y11254, AL133080, A77033, A77035, AF087943, AL133640, AL137271, Z72491, AF111851, AL110221, AF090903, AF125948, AF113676, I66342, AL137533, A08915, E15569, AF185576, U80742, AL117394, AL050155, S79832, AF022363, AL122121, AF032666, D83032, AF119337, AR013797, I80064, AL122049, Y16645, AF067728, A65341, AL049283, AJ000937, AL049430, I33392, AL137560, Z82022, AF153205, A93350, I09499, L31396, U68387, AL133077, AF177401, S68736, AL137705, AF090901, AF139986, X65873, AF079765, L31397, AF081195, AL137476, AL122123, E08263, E08264, E07361, A93016, S61953, A21103, AL137459, X00861, AF126247, AF118064, AL133558, X87582, AL122050, AL137529, AF061795, AF151685, A12297, AF057300, AF057299, AL110171, AL080060, A08907, AF113689, AF017152, AL133075, AR068751</p>
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1492	HFIUG54	876475	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 515 of SEQ ID NO:1491, b is an integer of 15 to 529, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1491, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1211 of SEQ ID NO:1492, b is an integer of 15 to 1225, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1492, and where b is greater than or equal to a + 14.</p>	AA604375, AI096476, AI627324, AI623783, AW270881, AW176260, AA420479, AW263721, AI433858, AI888162, AW001768, AW190261, AW300137, AW166776, AI017162, AI034411, AW169112, AI493585, AA035308, AI400980, AI269743, AI086151, N20484, AA905363, AI244728, AW148617, AA126992, AW370989, AA490959, AW339199, N34406, AW391594, AA480346, AA970535, AA548169, N24599, C02570, AW380443, AA582926, H42703, AW105105, AA570014, AW026638, AA256814, AA364778, AW020880, Z41211, AI536061, AA035307, AA420478, H24299, AA678544, AW391563, AW339527, AA065097, AA613111, AI925770, AW391562, AA191512, D51223, D62210, AA847993, AA652779, AI750126, N75648, AI436629, N51447, AA743305, AL117597
1493	HE8CX56	876476	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2284 of SEQ ID NO:1493, b is an integer of 15 to 2298, where both a and b correspond to the positions of</p>	AI693062, AI936680, AI638780, AW130947, AI203659, AA969048, AA730307, D61225, AL041011, R49279, H64578, AA249856, AA120957, H64682, D81623, AL040722, N56191, AW265781, AA082593, AF029343

1494	H2LAQ54	876480	<p>nucleotide residues shown in SEQ ID NO:1493, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 375 of SEQ ID NO:1494, b is an integer of 15 to 389, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1494, and where b is greater than or equal to a + 14.</p>	<p>AW068683, AA314376, D80193, D80227, D59619, D80210, D80240, D59467, D80195, C14389, D59502, D80164, D59275, D80038, D80219, D80269, D58283, D51423, C14331, D59859, D80022, D80166, D51799, D80391, D80253, D81030, D50979, D80043, D59787, C15076, D80378, D80212, D80196, D80188, D59927, D59610, D57483, D80366, D50995, D59889, D80024, AA305409, T03269, D80241, D80045, AW178893, C75259, AW178775, C14014, AA305578, AW179328, AW177440, D51022, AW352158, AW378532, D80522, D80134, D51250, D52291, AA514188, D81026, AW178762, AW177501, F13647, AW177511, AW352117, D80251, D80168, D80248, D58253, C14298, Z21582, C14227, AW360811, D81111, AW377671, AA514186, D80133, AW378540, D80064, AW375405, C14407, AW366296, D80132, AW360817, AW375406, D80268, AW378534, AW352171, AW179332, AW377672, AW179023, AW377676, AW178905, D51097, AW178754, AW179024, AW179020, AA285331, AW177456, D80302, AW178906, AW352170, AW177731, AW360834, AW178907, AW179019, AW179018, AW352174, D80439, D80247, AW378528, AW178908, AA102166, C14077, T11417, AI557751, AW178914, AW178781, AW378543, AW378525, D51103, AW178774, AW352163, T03116, D80157, AW378539, D80258, D59503, D58246, D80014, T48593, D59627, C06015, D58101, AW378533, AI557774, D45260, AW367950, AW178986, AI525923, H67866, D51213, D45273, T02974, AA809122, C03092, H67854, D80228, T03048, AW179013, D59317, AI525917, AI535686, C14344, C14973, D51221, AI525920, D59474, D59551, AA514184, AI525227, H67858, Z30160, AI535961, AW378542, U70370, AF009649, U54499, U71206,</p>
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1495	HWABG32	876481	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1386 of SEQ ID NO:1495, b is an integer of 15 to 1400, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1495, and where b is greater than or equal to a + 14.</p>	A84916, AJ132110, A62300, A62298, AR018138, Y17188, X67155, D26022, A25909, A67220, D89785, A78862, D34614, D88547, AF058696, AR008278, X82626, AB028859, AR025207, Y12724, AB012117, A82595, AR066482, A94995, X68127, AR060385, AB002449, AR008443, A85396, A44171, U87250, A85477, I19525, A86792, I50126, I50132, I50128, I50133, X93549, AR066488, AR016514, AR060138, A45456, A26615, AR052274, Y09669, AF009648, A43192, A43190, AR038669, I18367, AR066487, A30438, D88507, I14842, AR054175, D50010, Y17187, A63261, AF135125, AR008408, I79511, AR062872, A70867, AR008277, AR008281, AR016691, AR016690, U46128, D13509, A64136, A68321, AR060133, AB033111, AR064240 AA873178, AW340076, AA453258, AA453359, AI200335, AI189856, AI127354, T57079, AA031327, AI096450, AA948375, AA031328, AA977624, AA994405, AI148795, AI340956, AW014990, AI652909, AI160243, AW026239, AI093526, AA923811, AI091630, AI365268, AW380222, AI367151, N32402, AA583097, N56822, AA579988, AI343747, H12681, AI825678, AW197534, T29148, F08275, AI468467, T95661, T82166, T57151, AI880292, T81821, F04505, AA481266, R41605, AW372903, AA662708, AW130992, AI818777, AA764938, X14356, L03418, X14355, L03419, M91645, M91646, M91647, M82819, L03420, M63835, M91555, M91554, M63834, S45709, M91552, S45707, M63832, M63833, M91553, M91550, M63830, S45704, S79667, A37858, AL133558, AF070643, AJ001388, AL109725 AI026945, AI808573, AI620239, AA948677, N53940, AW249558, AI096948, AA159915, AI095014, AI871045, AI950931, AA455901, AW009419, AI149374, AA024477, AI433743, AA428948,
1496	HMTBE05	876483	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	

1497	HKABL05	876484	<p>the general formula of a-b, where a is any integer between 1 to 1470 of SEQ ID NO:1496, b is an integer of 15 to 1484, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1496, and where b is greater than or equal to a + 14.</p>	AA039950, AA165025, AI884373, AI149074, AI184801, AI188603, AI937231, AA024476, AI469664, W26293, AA831823, AI766893, AA830218, AA476574, AA040001, AW404545, AA455902, AA027936, AI566799, AA582203, R15907, AA422121, AI879131, T34650, Z43817, AA738453, AI220916, N59030, AI419568, AI300117, AA738075, AI967928, Z39886, AW071642, AA863299, AA877869, AI382238, AI149361, AW169605, AA483840, AI436690, AA448896, AI800263, AI831898, AI262999, AI984945, AI915652, AI701265, AI344209, M79093, AI829004, AA028041, AW408623, AI982982, AI202924, AW246104, T66533
1497	HKABL05	876484	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2178 of SEQ ID NO:1497, b is an integer of 15 to 2192, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1497, and where b is greater than or equal to a + 14.</p>	AI740522, AI309318, AI376662, AI741390, AI742840, AA679083, AI765150, AW002945, AW192895, AA001262, AI052703, AA648295, AI929375, AW157334, AI799150, AA577690, AA909347, AA608744, AI879998, AI421323, W55919, AW373539, W84527, AA947742, AA861283, AA065133, AW168112, AA460061, AI300565, AW204198, AA155821, AW104051, AI800773, AI193965, AA101195, AI582368, AW057835, AI348116, AA527861, AW009823, AW029295, AW022530, AA708118, AW238854, AI452699, AI016610, AA669337, AA480279, AA278360, AI749692, AI160871, AW130090, AA744919, AA760760, AW007135, AI275625, AI057288, AI494111, AA831711, AA687284, AI815697, AI374689, AA155925, AI862854, W55920, AI367891, W04222, AW272692, AA628638, AA707011, AI800064, AA043251, AA160009, N62094, AI671739, AA292750, AI052618, AW166814, AA152365, AI475145, N78325, AA001852, AI952464, AI953334, AI346774, AI243902, AI271553, AI637742, AA514862, AA025382, AA484277, AI288842, AI311020, N50975, AW027908, AA132226, AI436690, AI130684, N74257,

AI198852, AI354226, AI969402, AI026752,
AA453035, AA668696, AI090673, AA971631,
AA984913, AW264660, AI798057, N93127, AL120009,
AA628641, AA281226, AA922510, AW163390,
AA161457, AA187227, AA764824, AI521457,
AW439109, AA088421, AA722831, N23855, AA807549,
AA043590, W67807, AA026016, AA494441, AA179097,
AA565588, AA065202, AA928577, AA633795, W15314,
AI886794, W84515, AI797422, AA120907, AA046354,
AA788597, AA083453, AA765379, AA009957,
AI190992, AA284411, AA857371, AA459969,
AA741542, AA001988, AI206746, AA160010,
AA586336, AW235920, AA010759, AW075660,
AA131616, AA046070, AA247207, AA002267,
AW020230, AI123351, AA281235, AA426610,
AA780786, AI825394, AA083357, W73815, AI439077,
AI434359, AI695507, AI344209, W69764, W60465,
AI281441, AA568376, T63795, W38654, AA028052,
AI826611, AI800263, AW270667, AI370333,
AW117628, W52413, AA127865, AW439098, T64108,
AA164988, AA211263, AA278324, AA327661, C15972,
W78007, AA011120, T47065, T34888, AA204925,
AI758966, N66464, AA491375, AA292539, AA127890,
AA845300, AA092473, D54180, AA827429, AI984945,
AI074775, AW341620, AW438482, N99121, AA054675,
AA226936, T94385, AA126323, AA227046, AI559910,
AA574112, AI290025, AA355027, AA460014,
AW050391, AA926777, AA373413, AA356295,
AA621388, AW009092, AA301008, AA482700, T64028,
AA332547, T35591, AA205052, T63820, AA738461,
AI000546, N33952, T57017, AI887555, AA365643,
AA147057, AA428948, AA448896, AA211143, T51962,
R15907, AA131382, AA142894, T30133, AB030905,
AC005841, Z84488, U26312, U95740, AF063304,
AB005618, X56683, A75245, AL023775, D28877,
U09120, AF086270, T47064, T52042, R36239,

1498	HOCTA74	876487	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 671 of SEQ ID NO:1498, b is an integer of 15 to 685, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1498, and where b is greater than or equal to a + 14.</p>	<p>N38911, N46485, N58965, W39742, AA028051, AA128181, AA132330, AA147058, AA152387, AA186506, AA278995, AA278348, AA525751, AA525773, AA525871, AA661828, N56031, C00146, AA091857, AA095676, AA170857, AA398724, AA665715, Z19940, AA732979, Z18797, AA991829, AI001836, Z39146, AI341188, AI566368, AI652212</p> <p>AI302800, AW118693, AI808667, AI065036, AW080952, AA862461, AI201847, AI138543, AI015998, AA865819, AA470462, AA454546, AI221895, AA481881, AI039771, AA535254, AA482063, AI301489, AA551867, AI018725, AL121442, AI244932, T88913, AI914566, AI017732, AI016693, AI833052, AA608575, AA120921, AA120922, N57711, AW151576, AI572464, AW303732, AI471156, R85699, H60433, AA890675, AI262997, AA620388, T47276, AA534566, AI625454, AA852619, AA889211, AA707578, AI718799, T47275, AI124998, AA477467, H88225, AA680222, H66348, N63309, AA131070, AA131015, AI474581, AI561334, AW392670, Z99396, AW372827, AW384394, AW363220, AL119497, AL134528, AL119443, U46341, AL119457, AL119319, AL119363, AL119341, AL119496, AL119324, AL119355, AL119483, AL119484, AL119391, AL042965, AL119335, U46350, AL134920, AL119522, AL119396, U46351, U46349, AL119418, U46347, AL119444, U46346, AL037205, AL134902, AL042614, AL119439, AL042975, AL119399, AL042551, AL119401, AL134518, AL134524, AL043029, AI142132, U46345, AL042984, AL134531, AL134538, AL134525, AL042450, AL043019, AL134536, AL037051, AL036725, AL042970, AL119488, AL042544, AL042542, AL043003, AL119464, S79219, X14608, M22631, M26121, AL122056, A81671, AR066494, AR060234, AR054110, AB026436, AR069079</p>
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1499	HWLUU48	876490	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1035 of SEQ ID NO:1499, b is an integer of 15 to 1049, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1499, and where b is greater than or equal to a + 14.</p>	AA099027, AI887335, AI887905, AI694672, AI566740, AW086500, AI222690, AI686357, AW085264, AI590636, AA411391, AI431702, AI383310, AA436251, AI913708, AI015064, AA453266, AC004190, AP000516, AB014087, AL020989, AC007100
1500	HULAJ15	876491	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1004 of SEQ ID NO:1500, b is an integer of 15 to 1018, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1500, and where b is greater than or equal to a + 14.</p>	AI991884, AI872008, AI660228, AW167205, AW084525, AA601542, AI859727, AI818462, AW080935, AI687318, AA552217, AA621566, AA886903, AA706568, AI379184, AW000876, AI569542, AI860861, AI887280, AI653757, AA461121, AI554798, AI016349, AA622753, AI332503, AI246460, AI332793, AI144192, AA460819, AA563883, AA455216, AA621675, AA862530, AA858222, AA581826, AI806046, N35715, AW328329, AI262551, AI204029, AI149450, AW071084, AI289219, AA609900, AA927266, AI707484, AI095745, AA618130, AI721109, AA931503, AI440027, AI275080, AI299248, AI276688, AI750085, AA088417, AA304654, AI262552, AI688181, AI282807, AW294666, AI335810, AI748980, AI335786, AA088540, AA420995, AI355863, AA102237, AA070673, AA595597, AI750051, AI749025, AI811127, AI086655, AI278320, AA443973, AI080248, AI367574, AA421075, AA052939, AI418137, AA902863, AI265947, AA931116, AA430411, AA251968, AI355088, AI290353, AW305028, AI005354, AI367787, AA913300, AA053492, AW008828, AI355089, AI890124, AA564009,

1501	HSYAJ64	876494	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2017 of SEQ ID NO:1501, b is an integer of</p>
			<p>AI359453, AI282383, W45582, W52209, AA102236, T67787, AI368584, AI382940, AA846519, AI095153, AA578680, AA838282, AA879315, AA305607, AA430359, AI095598, AI708067, AI383117, T67711, AI720469, AA879062, AA186928, AA494466, AI832504, H79930, AA417983, W45545, AA469124, AA526593, AI719480, AI832612, AA420865, AI041840, AA305069, AI244411, AW088865, AI264706, AA242885, N35628, AA858264, H62987, AI460162, AA865264, AA418153, AI435908, AA353482, AA740793, AI310701, AI143647, AA320588, AI541426, AI581554, AA420466, AI472533, AA188357, AI888688, AA373467, AA630328, T61575, AA330716, AI460166, AI381692, R44192, AA444156, H62866, H96297, AI131189, T29504, AA193634, AI217206, AA102029, AA136055, AW028629, AA853950, AA294960, AA330845, AI582088, W79666, AA377021, W74128, AA370626, AA876408, AI000545, AI749041, R02407, AA102028, AA126713, R23407, U46351, AA193598, AI581181, AW082579, T61023, H96296, W24691, AI431603, T82007, AI123178, R02308, AA216169, AA469193, N26519, AA576977, AI858582, N93058, AI361535, H79833, R63786, H57907, AB006780, M36682, M35368, M57710, AR036975, S59012, L23429, X78879, U06470, X16834, J02962, J03723, X16074, AR036976, L08649, AF031422, AF031425, M33215, AF031424, AF031423, AL133655, AL121593, U89295, A59344, M27260, AL122093, AL117599, AL133015, AA773574, AI870173, AI090858, AA599163, AA205487, AL134981, AA308686, AW247784, AW377280, AA581816, AI435156, AA599212, AA164748, AI499069, AW148604, AA181056, AI828823, AA160573, AA894927, AA446427, AA308175, AA314621, AA812415, AW377338, AA307680, AW377313, AA315193, AA514946,</p>

		<p>15 to 2031, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1501, and where b is greater than or equal to a + 14.</p>	<p>AA948141, AA652118, AI090292, AA435521, AI342258, AI240388, AA205318, AA243054, AA768432, AI082283, AA024693, AA456625, AI911813, AI363735, AA446119, AA652124, AA424926, AI263712, AA024647, AA205575, AI004571, AA630601, AA307175, AA164747, AI042562, AI934643, AI341665, AA313490, N75485, AA207213, W91894, AA426166, AA307366, AI433060, AA307046, AA195483, AA252561, AA527990, AA989506, AA223574, AI270387, AA243053, AA455806, AA307677, AA403863, AA315014, AA159366, AA157555, AA158206, AI568188, AI028221, AI445024, AA927196, AA307925, AA649534, T28878, AI085919, AW392054, AA776680, AI672839, AA312108, AA376260, AW392206, AA654257, AI865398, AA347324, AA626750, AA219493, AI630717, AA307419, AA662020, AI510831, AA442877, AA350306, AA362375, AI935046, AA152328, AI305172, W05296, AI278536, AI308922, AA053461, AA053213, AA135056, AA186979, AW173202, AW377352, AA206750, AA608732, AI025236, AI719108, AA325720, AI922470, AA223615, AA152329, AA626448, AA649822, AA300684, AA362586, AA626522, AW377293, AA315660, R14052, AA333552, R37150, R15974, AI569355, AA190772, AA362376, AA593069, AA921347, AA316929, AA180011, AA134971, W95113, AA978212, AI932667, AA040890, AA830424, AW383641, AI632334, AA947203, AA326527, AA629781, AW383640, AA954366, R05778, C21408, R05864, AW392327, AA191382, AA322735, H55311, AW383658, R15975, AA410508, AA995270, AA160528, AA219455, AI703040, AW104153, M27396, M15798, M27838, X52130, U07201, U07202, U38940, AC005326, L35946, M27054, L35936, L35937, L35938, L35945, L35940, L35941, L35942, L35939,</p>
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1502	HETIF19	876495	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 149 of SEQ ID NO:1502, b is an integer of 15 to 1463, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1502, and where b is greater than or equal to a + 14.</p>	<p>L35943, L35944, L35935, T66600, T66601 AA926696, H16874, AW376009, AA313468, R23401, N35321, R13283, AW152493, AI027550, T11328, AR036119, X92689, U70538</p>
1503	HLVEA23	876496	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 556 of SEQ ID NO:1503, b is an integer of 15 to 570, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1503, and where b is greater than or equal to a + 14.</p>	<p>AW161801, N56973, N73756, AA479038, D44982, N81193, W65438, H25021, N22293, N47355, AA973373, AA477521, AA595499, AA838190, AW172858, AI887235, AL134275, T59612, AW169038, AA847980, AI002744, H02058, AI590442, AB014528, AC005062, AL135783, AL117258, AL133163, AL137100, AC004859, AL035410, AC004067, AC002349, AC005725, AF205588, AC008033, AC004887, AL049589, AC002412, AF130249, AC005261, AC007488, AL033533, AC005722, AC007011, AC006547, AC006080, Z98304, Z84469, AC005664, AF031078, AF030876, AF031076, Z95152, AC004019, AC005280, Z69907, AC006213, AC007238, AL049569, Z93016, AP000344, AL031597, AC004605, Z82203</p>
1504	HAPQU61	876498	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 484 of SEQ ID NO:1504, b is an integer of 15 to 498, where both a and b</p>	<p>AI949815, AI813450, AI819294, AI269353, AA421819, AI089074, AA834705, AA847960, AI559836, D31784</p>

1505	HE8OT93	876499	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1504, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2047 of SEQ ID NO:1505, b is an integer of 15 to 2061, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1505, and where b is greater than or equal to a + 14.</p>	AA486504, AA133234, AI339710, AA743093, AI688621, AI096844, AA129712, AI860744, AI420708, AI278953, AI278568, AW006666, AI571986, N68247, AI358873, AA314945, AA341071, AI346152, AI219397, AA488692, AA148150, AI362046, AW050985, AI090396, R60368, AA626449, AW272569, AA308535, AI471517, AW135592, AW205875, R60312, AI590397, AI078709, N39886, AA557504, AA970783, AI419556, AA338145, AA534362, AA351801, N26928, AA143763, AA557513, H87951, N57132, AW051845, AW394065, H95626, AA309736, AW204673, AI457186, AA376417, AA570135, AI805191, AA376416, AA310109, N68052, H95981, AI049818, Z21567, AA079141, AW389275, AL049742, D86997, D88269.
1506	H2LAB08	876503	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2382 of SEQ ID NO:1506, b is an integer of 15 to 2396, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1506, and where b is greater than or equal to a + 14.</p>	AI911983, AI927427, AI889004, AI693602, AL045565, AI767631, AI150323, AA576743, AI201732, AA811424, AA436321, AI890062, AA812674, AI348111, AA776471, AA904047, AI909133, AA262396, AI909125, AA827237, AW084600, AI890814, AA778086, AI708713, AA436197, AI580236, AA313219, AI926738, AA550977, AI819536, AA688044, AA252436, AA307642, AI569986, AI174417, AA251902, D19596, AI687789, AW029076, AA305817, H93729, AI000199, AA232315, AI346715, AW275185, AI273086, AA689252, H02731, H04075, H88463, AI678322, AA541528, AI474632, AA651878, AA307939, AA378903, AI934157, AA243609, AI267661, AA525290, AI824311, R37260, R59445, AA378902, D61809, AA361618, R12332, AI341322, R23315, R70591, R59386, AA336382, AA831575, R75944.

			<p>H00410, AA354320, AA602417, AI567956, D79295, N87729, H03382, H01205, R31246, H00817, R39541, R92975, AL045564, D58065, AA730991, C16596, C16509, AA580841, AA383636, AA296630, D62972, D82320, AW073685, AI364834, AA598715, AI355779, AI289791, AI539800, AI500714, AI355008, AI866469, AI434242, AI539771, AI889189, AI815232, AI537677, AI371243, AI582932, AI582912, AI927233, AI433157, AI612913, AI491710, AI366900, AI804505, AI610362, AI434223, AL039390, AI440239, AI863197, AI924051, AI366910, AI539847, AI521596, AW074057, AI932620, AL040207, AI590043, AL042944, AI567935, AI539260, AI866465, AI801325, AI500523, AI538850, AI887775, AI537187, AI923989, AI284517, AI872423, AI500706, AI445237, AI491776, AW151138, AI521560, AI500662, AI284509, AW172723, AI440263, AI538885, AI889168, AI866573, AI633493, AI434256, AI805769, AI888661, AI284513, AI888118, AI285439, AI855991, AI436429, AI889147, AI623736, AI581033, AI371228, AI440252, AI431307, AI440238, AI567971, AI866786, AI860003, AI610557, AI431316, AI242736, AI828574, AI887499, AI537273, AI539781, AI539707, AI702065, AI885949, AI285419, AW089557, AI559957, AI521571, AI469775, AI866581, AI567953, AI815150, AI446495, AI867068, AI225248, AI610426, AI567940, AI282264, AI926593, AF035293, AF081281, AF052112, AF077198, AF077199, D63885, AC004062, U97146, AR028701, U97147, U97148, U89352, AC004548, AL133074, Y17793, AL133076</p>
1507	HISBB72	876504	<p>Preferably excluded from the present invention are one or more</p>

1508	HCHBN47	876507	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1139 of SEQ ID NO:1507, b is an integer of 15 to 1153, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1507, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 638 of SEQ ID NO:1508, b is an integer of 15 to 652, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1508, and where b is greater than or equal to a + 14.</p>	<p>AI288864, AA933871, AW379374, R55964, AA741334, AI422503, AI884993, AI422504, R55965, AA515979, U41901, AR030574, AR030579, AR030578, AR030581, AR030575, AR030577, AR030580, AR030582, AR030589, Z94719, Z94720, Y08171, Z94718, AR030590, AR030583, AR030587, AR030584, AR030585, AR030588, AR030586, AR030591, AR030592</p>
1509	HFADJ29	876511	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1216 of SEQ ID NO:1509, b is an integer of 15 to 1230, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1509, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1216 of SEQ ID NO:1509, b is an integer of 15 to 1230, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1509, and where b is greater than or equal to a + 14.</p>	<p>AI114564, AI064937, AI207577, AW024388, AA167328, AI357366, AI826158, AI656065, AA890501, AA314294, N72119, AI368841, N25212, AI796295, AI215697, N48787, AI066435, AA171687, AA043292, AI270341, AI191607, AI632032, AI873864, AA508855, AI828826, AA996333, AW192143, AI298715, AI872218, AI687959, AI753230, AI926791, AI436234, R74567, AA828059, AA640994, AI801845, AA644673, AA492531, AI219265, AA043291, R76364, AI695300, H03697, AI628314, AI302487, AA147569, R62982, AA312605, H00964, AA305334, AA156441, AA370497, AA333089, R97205, AA657712, R63037, R76689, AA769559, AA761876, AA167149, H64689, H65183, H00965,</p>

1510	HWLQP42	876513	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 999 of SEQ ID NO:1510, b is an integer of 15 to 1013, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1510, and where b is greater than or equal to a + 14.</p>	<p>C03639, AA361522, AA370109, AW131681, T48460, AA807111, W38740, AA548193, AA350472, AA350471, T39360, AA171802, N45578, AA330808, AW379530</p> <p>AA196276, AA524473, AL040260, AA533568, AA600703, AA773551, AA292150, AA004500, AI928071, AI612760, AA411191, AW264086, AW206769, AA496356, AA434061, W42808, AA232555, AA292045, AI085934, AA182481, AA292071, AI087140, AA004501, AA496406, AA434125, AW317087, AI752948, AA443125, AA456190, AA400594, AA292028, AI682335, R73572, AA766115, AA292042, H61296, H61291, AL043495, AA044201, R11520, AA705241, AA652065, AA043939, AI536587, R97731, AI352191, AI630315, AA350112, D31167, AA031359, T85323, AA429498, H15771, R44134, AI351143, AW138388, AA661960, AI215409, AA411071, AW243696, R72952, AW068860, AI567210, AI393957, AI970891, AI273925, AA321611, AA401967, AI224608, AI084609, AI279699, AA031603, AI915877, AA400679, AI092030, AA031637, AI630462, AA429499, AA031476, AA301177, H15770, AW381505, AA182758, AW381475, R10445, AW381498, AI992085, AA312507</p> <p>AA305114, AL022398</p>
1511	HDPAG07	876518	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 442 of SEQ ID NO:1511, b is an integer of 15 to 456, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1511, and where b is greater than or equal to a + 14.</p>	
1512	HLTAR39	876524	<p>Preferably excluded from the</p>	<p>AI133655, T96748, AW369762, AA350015, AA360756,</p>

1513	HWLRF38	876526	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2153 of SEQ ID NO:1512, b is an integer of 15 to 2167, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1512, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 818 of SEQ ID NO:1513, b is an integer of 15 to 832, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1513, and where b is greater than or equal to a + 14.</p>	<p>AW386072, AI625829, AA534216, AW243183, AW367779, AI697340, AI754731, AW367807, AC004707, AC004675, AF088219, AC006026</p> <p>AW183028, N28485, AI306451, AI536589, AW072566, N24976, H82376, AI814709, AI376566, AI352453, AI590303, AI280262, AI761747, AA554283, AI222990, AA644328, AA661978, AA587549, AA045302, AW274520, AW043629, AA630727, AW273650, AI368900, AI381943, AI290422, AI167243, AA993296, AA977315, AW337456, AA029935, AA779545, Z17865, AI493253, AI624318, AA908755, AI168437, AA757538, AA977243, AI740891, AA524068, AA628420, AI123070, AI692442, AI868044, AA687907, AI370323, T31450, AI867272, N46853, N67292, AW276010, N69329, AI768256, AI022628, R83171, AW073539, AA180796, AI761569, AA045408, AW134931, AW085513, AW059629, D11973, AL133563, AJ006412, AB018284, AJ006776</p> <p>AW362945, AI916280, AA632418, AW451840, AA579245, R85405, AW366782</p>
1514	HCRNM09	876530	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1350 of SEQ ID NO:1514, b is an integer of 15 to 1364, where both a and b correspond to the positions of</p>	

1515	HOB AE30	876533	<p>nucleotide residues shown in SEQ ID NO:1514, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1479 of SEQ ID NO:1515, b is an integer of 15 to 1493, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1515, and where b is greater than or equal to a + 14.</p>	AA947739, AI400455, AI079804, AW270919, AI435830, AI452944, AA747433, AI570117, AW207124, AI580309, N95645, AI309204, AI338445, AI272895, AI499408, AW079078, AI797006, AI917984, N98806, AA282725, H01411, H00875, AI565322, AI240334, H01410, R74104, AA831514, R61345, AW150637, AA301342, N69359, R74103, AI672118, H00874, H78279, AA514041, T49557, H79404, AI739220, R31153, AI864092, AA344229, AA693339, T49556, R31104, AA085178, N83511, AI373773, AI349772, AW104724, AL119748, AW071349, AL121365, AI633419, AI537677, AI475371, AL119049, AI536638, AL040243, AW198090, AW087445, AL121270, AL045500, AI433976, AI871697, AI433157, AI536685, AI609331, AI612913, AI568855, AI269205, AI682743, AI682106, AI866457, AL121328, AI815855, AI538716, AL036802, AI580927, AI440239, AI436456, AI590415, AL047763, AI499463, AI207510, AI275175, AI064830, AL045903, AI687728, AI802542, AI500523, AI815383, AI621209, AL119791, AI539771, AI500659, AI524671, AI863014, AW117882, AI684265, AI620284, AI469532, AI906328, AL036146, AI580190, AW071417, AI818683, AI284484, AW274192, AL036396, AI521012, AI702406, AA470491, AW301409, AL036361, AW080838, AW169671, AI920968, AI637584, AI439717, AI349256, AI499393, AI491852, AI934035, AI907070, AL043981, AI648684, AW074993, AL036274, AI149592, AI539153, AI564719, AI439745, AI872711, AI568870, AI613017, AL135661, AL047042, AI690835,
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	AW129659, AI250293, AI432969, AI445025, AI868831, AW166645, AI500077, AI349645, AI446628, AL049085, AI538829, AW151485, AW303152, AL045266, AL043326, AI567351, AI345111, AW238730, AI619502, AW268253, AI349598, AL044207, AW026882, AL040169, AW150578, AI343112, AI349933, AI491776, AI285735, AI783504, AI690426, AI631107, AL079963, AI866608, AL121014, AI857296, AI499512, AI349004, AI281762, AI590227, AI873731, AL038778, AW088793, AI440426, AI580984, AI269862, AL119828, AI439762, AI570909, AI673710, AI815232, AI340582, AI682841, AW103371, AI635461, AW149869, AI625079, AI274541, AI610756, AW008048, AL043975, AW089572, AI348897, AI9222901, AI636456, AI538259, AI312152, AI2822903, AI349937, AW162071, AW129202, AW169132, AI281773, AI284020, AI678302, AL048871, AI634737, AW090013, AI249257, AI636445, AW118512, AW131954, AW196141, AI612920, AI554484, AI811344, AI912866, AI570384, AW002342, AI569616, AI475451, AI702433, AI224992, AI799199, AI271786, AI273142, AI432656, AA508692, AW068845, AI269696, AI590128, AI934036, AW302965, AI800453, AI800433, AI560099, AW132121, AI284517, AA613907, AI498579, AI445165, AL117613, AF147302, AF090900, I48979, AF113694, AL080124, AL133640, I89947, Y11587, AF090934, S78214, AF113691, AL133606, AF090903, AL117460, AL049938, L31396, AL122093, L31397, AF104032, AL133016, AL050138, AF078844, AL050146, U42766, AF106862, AL117457, S68736, AF090901, AF113019, AL050393, AL122050, I89931, AL133075, AF017437, AL050149, AF113690, AF113677, AF118070,

			<p>AF090943, AL137459, AF113013, AL110196, AF118064, AF113676, AJ242859, AL050277, X84990, AF125949, AF090896, A93016, AL110221, AL080060, E03348, A08913, AF017152, AL050108, A08916, AF113689, Y16645, AL049452, AR059958, AL096744, AL022147, AL133557, AL137557, AL050116, AL137527, AL133565, AL049314, AL122123, AL133080, AL049466, AB019565, AL080137, E07361, AF158248, AL133093, AF111851, I48978, AL122121, AC007390, AF177401, AJ000937, AF125948, AF113699, AF091512, Y11254, AL117435, AF091084, AL137283, AC002464, AC004883, U62317, X63574, AL035587, AC004686, U91329, AF146568, AR011880, AL137550, X82434, AF097996, AF079765, AC007298, AL133560, AL110280, AL117394, AL049430, AL110225, AJ012755, AC004383, A65341, AL078602, Z98036, I49625, AC005291, AC006115, AL133113, I66342, AF042090, AC006501, U95739, AL049382, AJ238278, E07108, AC007458, AC002538, AC004200, AL137294, E02349, AL117585, A77033, A77035, AL049300, AC006371, AC005829, Z82206, AL137271, AL117583, U00763, A58524, A58523, AL133014, AC004987, A08910, I33392, AL122098, AL049464, A08912, AC002467, AF183393, A12297, X70685, AL031732, AC010077, AL122110</p> <p>AI650305, AI949332, AI206515, AI188549, AW169558, AA857218, AI433853, AW204540, R68303, R42247, AA994295, AI580329, AI624558, AA602338, R44174, Z40075, AI015727, N34408, R74002, R68268, R53421, R54010, Z38312, R44219, R49558, AA090402, F01959, AA090979, U72788, AI304833</p>
1516	HATCV09	876534	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2095 of SEQ ID NO:1516, b is an integer of 15 to 2109, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1516, and where b is greater</p>

1517	HCRNE16	876535	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 576 of SEQ ID NO:1517, b is an integer of 15 to 590, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1517, and where b is greater than or equal to $a + 14$.</p>	<p>AI274758, C06072, AI589250, AI470584, AA227219, AW021868, AA747122, T27280, AC007501, U80736</p>
1518	HCRPV63	876536	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 411 of SEQ ID NO:1518, b is an integer of 15 to 425, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1518, and where b is greater than or equal to $a + 14$.</p>	<p>AI143683, AI924826, AA086365, AI792153, Z79581, Z79582, S81107</p>
1519	HSKKP02	876538	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1172 of SEQ ID NO:1519, b is an integer of 15 to 1186, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1519, and where b is greater</p>	<p>AA916748, R83779, AA331626, AA400220</p>

1520	HOVAN13	876540	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 446 of SEQ ID NO:1520, b is an integer of 15 to 460, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1520, and where b is greater than or equal to $a + 14$.</p>	
1521	HWBEX78	876543	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 1658 of SEQ ID NO:1521, b is an integer of 15 to 1672, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1521, and where b is greater than or equal to $a + 14$.</p> <p>W20138, AA229752, AI380196, N44538, AA026809, R41836, N71112, N33777, W05473, AA026870, W15415, AA888089, W39614, R68936, AI143439, H05574, AA229960, H00351, R63287, T54159, C05110, AI867490, H00306, W91983, T53767, R63233, AA768472, T54164, R71658, R71163, N91009, T53773, R68825, AL137657, AL109669</p>	
1522	HRODG74	876544	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 574 of SEQ ID NO:1522, b is an integer of 15 to 588, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1522, and where b is greater than or equal to $a + 14$.</p> <p>AI797095, AA902901, N47240, AI252632, AI718169, AW079806, H09548, AI203811, AA459245, D25745, C21350, R63205, AC006065, AC002368, AF025422</p>	

1523	HCROK30	876545	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 506 of SEQ ID NO:1523, b is an integer of 15 to 520, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1523, and where b is greater than or equal to $a + 14$.</p>	AA278251, AA682308, AI540716, AI184153
1524	HDABK73	876546	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2777 of SEQ ID NO:1524, b is an integer of 15 to 2791, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1524, and where b is greater than or equal to $a + 14$.</p>	AI744148, AI744113, AI860811, AI889014, AI765413, AW237314, AI765401, AL042645, AI867571, AW293518, AA534578, AI432178, AW169762, AA506984, AA420605, AI142237, AA406169, AW188054, AI147954, AA430324, AL040186, AI197943, AI589634, AA569041, AI015938, AA433904, AA070872, AI188829, AI124780, AA421239, AI149224, AA420647, AI916160, W73655, AI076564, AI768356, R51293, AI638215, AI125307, W51790, AA172002, AA425349, AA565222, AA313542, AA825728, R35270, AW204507, AA100809, W28763, AI222042, AI479185, W26572, W45413, W73608, R52192, AI160529, AW440819, AI422286, AI298011, AA171761, AA421279, R51403, H62930, R52097, R59309, AA581790, W81419, AI768849, W40121, AI708313, AA373236, AW368276, AA434583, Z42217, W81420, AI962360, AA325784, R59310, AI271621, T25845, T06069, F05246, AA806028, Z38264, AA071023, AA815452, N54389, AA810542, AA383377, AI370602, R50941, T87272, T87186, F01748, AA947741, AA773493, AA890049, AI985779, AA984284, AW272799, AL043147, AB007891, AI471995, AW393929, AA044743, AI741975.
1525	HOGCO78	876548	Preferably excluded from the	

<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 673 of SEQ ID NO:1525, b is an integer of 15 to 687, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1525, and where b is greater than or equal to a + 14.</p>	<p>AA044797, AI720824, AI992258, AI480029, AI803250, AI095557, AI245572, AA662934, AA876346, AW327457, AW393932, AW157188, AI669783, AI286104, AA025525, AI090194, AI128230, AI095934, AI189306, AI950299, AI467898, AA028934, AI742307, AA194396, AI809949, AI160162, AI122798, AI034059, AI244940, T55337, H22613, AI431317, AA746600, AI150927, R19215, AI431319, R96173, AW043889, AA876265, AA844331, AW129224, AA860575, AA487470, AI432084, U56654, AW157607, AA669015, AI825990, AA335548, AA731264, AA932576, AA768549, AI270663, AI497894, AI221399, R13183, T39355, AA564849, AI866853, AW272239, AW150208, AI572774, AA668506, AI872423, AI866127, AI568138, AA641818, AI923370, AW118518, AL038665, AW264727, AI582932, AW078818, AI866469, AI687168, AL037582, AL037602, AI241923, AI613038, AI473536, AI866465, AI559872, AI955117, AW020095, AW078606, AI288285, AW090451, AL046942, AW079409, AI635016, AL079963, AI827058, AI590043, AI866780, AI687166, AI620302, AI611738, AI446721, AI961589, AL041772, AI500061, AI457589, AI559752, AW166870, AI125884, AI687127, AI802542, AI452707, AI932503, AL039132, AI581362, AI624293, AI434656, AI587279, AI561228, AW051226, AI348870, AA983883, AL135024, AI289542, AI554821, AI453339, AL138420, AW149925, AW150557, AI915291, AL039086, AW163834, AI654276, AW026882, AI433157, AW083572, AI702073, AA225339, AI860897, AI418681, AL036638, AI923989, AI800341, AW131294, AI539800, AI621341, AI633125, AI698391, AI538564, AL040827, AL046466, AW152182, AI270429,</p>
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	AI355779, AI695726, AI638644, AI628325, AI819014, AI818980, AW079075, AI357644, AW262552, AI927256, AW128834, AL046595, AI636588, AI651840, AW054964, AL119399, AW264895, AI884318, AI889189, AL120995, AL048323, AI912434, AI474146, AL048340, AI612913, AI469270, AW024793, AI818353, AW105459, AI866770, AI445303, AI309306, AI475806, AI267185, AI583558, AI932794, AW410259, AI686576, AI335214, AW148294, AW198090, AI270706, AA502794, AL039716, AI891084, AI520702, AI691088, AI569975, AI434731, AI538817, AI571439, AI279925, AI281757, AI270295, AI819545, AI701975, AL036673, AI670002, AI335426, AI348777, AW051088, AI819976, AI927233, AI912438, AI491842, T69241, AI963846, AI873638, AI565172, AW148544, AI270183, AI699823, AW263355, AI612750, AI540674, AI817523, AW087915, AL041573, AL043152, AI433611, AL080011, AL119457, AI670009, AI285735, AI824576, AI921254, AI538885, W74529, AW020397, AL046618, AI926367, AL135047, AI929108, AI446373, AI500714, AW196078, AI673363, I33392, AL137480, I03321, A77033, A77035, I89947, AL122050, I48978, AL133640, AF008439, AF111849, AF047716, AF090900, X63162, AF106657, AR013797, AF102578, AL137530, AL096744, A08910, A08909, AL096751, AJ005690, A08908, AF090903, AR038854, X82434, S36676, AL137557, AL137476, AF183393, AL080154, AL117457, A08913, Z97214, A65340, AF107847, I17544, A08912, E06743, AF111112, I48979, I33391, AL117416, AL117460, A08916, S76508, AF131773, AF026816, AF215669, AL133075, U78525, AL122093, AL133113, AL050092, AR034821, AF061573, U58996, A58524, A58523, AF090934,

	AF113677, Y14314, AL050155, AL117435, S78214, A86558, AL049938, AL049466, AL137550, AL133014, AF090896, D83032, E05822, X84990, AF017437, Y16645, A18777, AL050172, AL137711, AL137292, Y11587, AF113019, X79812, A08907, I89931, AF141289, U68233, I92592, AJ003118, AF185576, AL110280, U77594, I49625, A65341, AL050024, AJ000937, AF087943, A76335, Z82022, AL080234, AL122100, AL137558, I32738, AF030513, E01614, E13364, A03736, L04504, U88966, AL049464, U42766, AF028823, AF113699, Y09972, AF124728, AL023657, AL133665, AL080148, AL137521, AL137463, AL122110, I89934, AR020905, AL137429, S78453, AL133645, AF115392, Z13966, AL117585, A93350, S69510, AL137533, AF177401, AL117440, AL050138, AL133010, AF182215, X83508, AF100931, E02349, AF061981, AL137479, U72620, A15345, AL137539, AF097996, AF067728, AL137478, AL080159, AR029490, AL133557, E01314, Z37987, AF125948, I66342, AJ010277, AF090901, AL110222, AR011880, AF118094, AF090943, AR068753, AL110296, AL137459, AL049452, AL137529, AL133016, A23630, AF081197, AF081195, AL117648, X06146, X56039, X62580, AL137560, AL137271, AL133081, L31396, S77771, AL137537, L19437, AL049314, A49139, AF061795, AF151685, S83440, AF044323, AL050393, AF106862, AF169154, A08911, U67958, Y10936, AL049430, X80340, AF118092, AF192557, AF176651, AF106697, AF017152, I09499, I80064, AL137488, AL133619, AL133072, U35846, AF032666, AJ012755, Y10080, X63410, I89944, Y10655, AL050277, AL133637, AL117587, AF153205, AF158248, U80742, AF139986, U75932, A21103, L04849, AF113694, AF091084, AF113690, AF145233, AF118070, E04233, AL080110, U49434, AF026124, U96683, AL110221, AL117578, U87620, A58545,

1526	HCRNG10	876549	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 694 of SEQ ID NO:1526, b is an integer of 15 to 708, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1526, and where b is greater than or equal to a + 14.</p>	<p>D16301, AL137658, U72621, AL080126, AF104032, AL110218, I68732, E12747, AL133560, X81464, AF013214, AF078844, AL080060 AA737831, AA651628, AI239587, AA912347</p>
1527	HWLRR08	876551	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 604 of SEQ ID NO:1527, b is an integer of 15 to 618, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1527, and where b is greater than or equal to a + 14.</p>	<p>AI040700</p>
1528	HTEFP55	876553	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1089 of SEQ ID NO:1528, b is an integer of 15 to 1103, where both a and b correspond to the positions of</p>	<p>AI950957, AA454500, AW301277, AW409745, W19086, AW388466, AW388282, AA129369, AA159858, AW450017, AW418819, H56484, AA437031, AW082355, AW204742, U28413</p>

1529	HDLAR46	876557	nucleotide residues shown in SEQ ID NO:1528, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 206 of SEQ ID NO:1529, b is an integer of 15 to 220, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1529, and where b is greater than or equal to a + 14.	AL110374	
1530	H2CBW66	876558	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 424 of SEQ ID NO:1530, b is an integer of 15 to 438, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1530, and where b is greater than or equal to a + 14.	AI207993, AI797860, AW137483, AA934986, AA621885, AA569967, AA315265, AA782950	
1531	HOGDS65	876559	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2048 of SEQ ID NO:1531, b is an integer of 15 to 2062, where both a and b correspond to the positions of	AW276060, AW117930, AW271245, AA490688, AI598114, AA315280, AI018136, AW264544, AW378323, AW384544, AW384563, AW378307, AW383155, AW384497, AW086214, AA961504, AA257102, AW192483, AW020066, AA613715, AA461400, AI917637, AW192488, AW021810, AA315269, AA677120, AI783695, AA554460, AI589498, AW378298, AW384566, AW007451, AA461087, AI816732, AW264471, AW368463,	

1532	H2CBX36	876560	nucleotide residues shown in SEQ ID NO:1531, and where b is greater than or equal to a + 14.	AW368530, AI341438, AW378317, AI290266, AW368521, AI280695, AW384490, AI418400, AI970613, AI160977, AW023591, AA947181, AW243772, AI040737, AA055400, AW316636, AA962716, N71882, AI376268, AW384491, AI076554, AI952506, AA257017, AA490466, H88912, N69323, AI912481, AA055599, N67469, M86849, I74304, X51615, M81445, M63803, U43932, AF144321 AA587891, AA748293, AA313745, AW449668, U84009, U84010, U84008, U84011, L10605, M85168, AB035424, AB035422, AB035425, AB035423, AB035421
1533	HSHAX43	876572	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1144 of SEQ ID NO:1532, b is an integer of 15 to 1158, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1532, and where b is greater than or equal to a + 14.	H66220, AA809449
1534	HCRQI57	876575	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	AI361150, AI939490, AW089648, AF002993

1535	HCYBL73	876576	<p>the general formula of a-b, where a is any integer between 1 to 887 of SEQ ID NO:1534, b is an integer of 15 to 901, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1534, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1138 of SEQ ID NO:1535, b is an integer of 15 to 1152, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1535, and where b is greater than or equal to a + 14.</p>	<p>AI744557, AA831793, AI813443, AA480937, AI110686, AA305609, AA521155, AW025562, AI640749, H96495, AA281170, AA987634, AA836072, AA279428, AI671472, AI077333, AI538508, AA480878, H24707, AA554436, AA280869, AI290360, AA968618, AW104195, AI762018, AI863656, AI910555, H24708, AA329735, D80195, D81026, C14389, D80166, D81030, D80522, D80133, D80045, D80164, D59502, D80212, D80193, D80251, D80269, D80248, D59467, D59275, D80022, D80227, C15076, D59619, D80210, D80240, D51060, D51423, D50979, D58283, D80366, D59859, D80391, C14331, D59787, D51799, D80253, D80038, D80043, D80219, AA305578, D80302, AW377671, D80196, D80024, D80188, D51022, D50995, AA305409, AA514188, D59927, D57483, D59610, D80378, D59889, C06015, C14014, D80268, AW360811, D80241, C14429, AW177440, AA514186, D80439, AW178893, D80247, D59373, D59627, AW375405, T03269, D80157, AW179328, AW360834, AW366296, C75259, AW360844, AW360817, AW375406, D51103, AW378534, AW179332, AW377672, AW179023, AW178905, AW378532, AW178906, AW177501, AW177511, C05695, T11417, D51759, AW377676, AW352171, AW178762, AW352170, AW177731, D59653, AW178907, AW378528, AW179019, AW179024, D80132, AW176467, D51250, AW360841, AW178775, AW177505, AW367967, D80134, AW179020, AW178909, AW177456, D58253, AW179329, AW178980,</p>
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1536	HHEGC16	876579	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>

1537	H2CBG53	876580	nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1518 of SEQ ID NO:1536, b is an integer of 15 to 1532, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1536, and where b is greater than or equal to a + 14.	AW372745, AA121349, AI097133, AI310351, AI222028, AW073286, AI160271, AA121301, AW170797, AW388634, H69344, AA278853, AW372735, H47623, AA742972, AA864447, N31288, AW372730, AI572193, AA173309, AW188877, H69345, AW363751, AW372731, AW372736, H47925, AI476011, AW372742, AA278420, AW372739, AW372744, H38254, N22901, AA278794, AA769896, AW372740, AW372786, AW372738, AL040673, AF132937 AA307226, AB020236, AF045449
1538	HCYBF23	876581	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 468 of SEQ ID NO:1537, b is an integer of 15 to 482, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1537, and where b is greater than or equal to a + 14.	AA919119, AI949966, AA687405, AA588150, AA721257, AW028336, AA305220, AI522235, AA827201, AW298461, AI220695, AI984660, AI219204, AI026116, M84722, M84721, D12775, D85596, U90888, M84720, D31636, U29910, D88988, D31634, U29907, D31637, U29911, D88989
1539	HODCO80	876583	Preferably excluded from the present invention are one or more polynucleotides comprising a	AW076027, R24903, R32458

1540	HCYBG67	876588	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 923 of SEQ ID NO:1539, b is an integer of 15 to 937, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1539, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 357 of SEQ ID NO:1540, b is an integer of 15 to 371, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1540, and where b is greater than or equal to a + 14.</p>	AA305259, L37080, Z47553
1541	HCYBI10	876589	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 892 of SEQ ID NO:1541, b is an integer of 15 to 906, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1541, and where b is greater than or equal to a + 14.</p>	AA446378, AA305361, AA502360, AI912345, AA903395, AW377671, D80522, D81026, D80133, AW177440, AW360811, AW375405, AI262837, D80248, AW178893, T03269, C14389, AW179328, AW177501, AW177511, AW352117, D80251, D80269, AW366296, D80366, D58283, D59859, D80022, C14331, D80166, D80195, D80193, D59927, D59467, D51423, D59619, D80210, D51799, D80391, D80164, D59275, D80240, D80253, D80043, D59787, D80227, D59502, AW378532, AW360844, D81030, AW360817, D80212, AW375406, D80196, D80188, AW378534, D80219, AW179332, AW377672, AW179023, AW178905, AA305578, C15076, D80038, D59610, D57483, AA305409, C14429, D51022, D50979, D50995, D59889, AW178762, D80024, D80045, AI905856,

				<p>D51060, AW176467, D80378, AW352171, AW377676, AW352170, AW177731, AW178907, AW178775, AW179019, AW179024, AA514188, C14014, D80241, AW178906, AW352158, AW177505, AW179020, AW178909, AW177456, AA514186, AW179329, AW178980, AW177733, AW378528, AW178908, AW178754, AW179018, D80132, AW178983, AW179004, D80268, C75259, AW360834, D80302, AW178914, AW178911, AW367967, D80134, D80439, C05695, AW178774, D80247, C06015, T48593, D51097, D51103, D58253, AW177723, AW352174, D80157, AW367950, AW378533, AW178986, D45260, D80314, AF535850, AF525913, AF525923, AF078165, AF205888, AF205889, A98521, X82626, A78862, A84916, A67220, D89785, A62300, A62298, Y17188, D34614, D26022, D88547, AJ132110, AR018138, X67155, AF058696, A25909, Y12724, AR008278, AB028859, AR025207, A94995, AR008443, I50126, I50132, I50128, I50133, AR066488, A82595, AB012117, AR016514, D50010, AR060138, A45456, I18367, A26615, AR052274, Y09669, AR060385, AB002449, AR066487, AR038669, A43192, A43190, A30438, A85396, D88507, AR066482, A44171, AR066490, A85477, I19525, A86792, D13509, AR008408, X93549, Y17187, AR060133, A63261, A70867, AR062872, U79457, AR016691, AR016690, U46128, AR008382</p>
1542	H2CBE01	876591	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 965 of SEQ ID NO:1542, b is an integer of 15 to 979, where both a and b correspond to the positions of</p>	<p>AA307067, AA827296, AA307068, AA972507, AA074169, AL134865, AA096156, AA247393, AA091519, I81218, U30872, U19769, I35495, AF194970</p>

1546	HCQCR04	876597	nucleotide residues shown in SEQ ID NO:1545, and where b is greater than or equal to a + 14.	AA528215, AA574144, AA738177, AA934667, C20604, AA706803, AA781330, AI015034, AI3111392, AI359257, AI360138, AI383772, AI422649, AI582783, AI127637, AI129439, AI130855, AI203460, AI208460, AI610103 W79201, AC006001
1547	HWMFE48	876600	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 342 of SEQ ID NO:1546, b is an integer of 15 to 356, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1546, and where b is greater than or equal to a + 14.	AA813252, AI911238, AI186148, AI743777, AA868390, AI004989, AI808771, AA838553, AA654365, AI911106, AI092279, AA769822, AA523966, AI955005, AI034008, AW085738, AI302130, AI285082, AA158037, AI991179, AI954918, AI167941, AI738706, AA524173, AA887784, AA552303, AI424977, AI024177, AI051807, W56741, AI720296, AI672956, R99385, AA594882, W85752, AA315098, AW382098, N90665, AA778392, D31212, T65680, AA465630, AA158328, AA641295, AA928364, AA812254, AI351201, W20284, AW382084, AI383689, AA215354, AI873941, AW382340, AA639464, AW382339, AW351859, UI7077, UI7079, UI7080
1548	HMTBN44	876601	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	AI446030, D62937, AA344217, AI950787, D62979, D79906, AW151367, AW151360

1549	HCR0104	876602	is any integer between 1 to 1409 of SEQ ID NO:1548, b is an integer of 15 to 1423, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1548, and where b is greater than or equal to a + 14.	M63806, AF035406, M96066, S68616
1550	HTWCT64	876608	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 443 of SEQ ID NO:1549, b is an integer of 15 to 457, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1549, and where b is greater than or equal to a + 14.	AW118825, AI582268, AI924840, AI686918, AI689468, AI565967, AI471821, AW167093, AW438815, AI560103, AW192267, AI351758, AI204255, AA948069, AA775662, AI160736, AA975121, AI347454, AW381442, AI086345, AI805695, AA441899, AW132052, AA233648, AW204634, AI470694, AA464178, AA693693, AI061108, AW028857, N90723, AI275105, AI290106, AW130518, N33172, AA031928, AA476308, AI682854, AI358603, AI332311, AW381443, AI696369, AW381398, AI472619, AI383588, AA404636, AA180763, AA233637, AW381420, AA032029, AI559765, N90350, N44956, W06927, AA182891, C05190, AA883620, AI696426, AA618268, D90034, E01793, E01792, E01791, D28915, D28914, D28912
1551	HETBI79	876609	Preferably excluded from the present invention are one or more	AI346674, AI348020, AI890197, AW291166, AA167382, AA700159, AI347083, AI056234,

1552	HCQBN77	876610	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2526 of SEQ ID NO:1551, b is an integer of 15 to 2540, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1551, and where b is greater than or equal to a + 14.</p>	<p>AA535792, N76634, AA815232, AI343929, AA490536, AI696964, AI392769, AI346881, AI613246, AA809480, AI318395, AI761658, AI140011, AW190983, AW070699, AA488989, AW291783, AI285896, AA627444, R84232, AI674736, AI280867, H72489, AA488770, AA813879, AI685538, AI858181, AW006758, AA167381, N54554, N71216, AA971023, AA704201, AI612846, AW294335, N22015, R10105, AA744665, AI680111, AI361708, AA313609, N75553, AA337910, H72889, AI689838, R87634, AI867541, AW015119, R38671, R00317, AA548940, AI886417, T98789, W05347, AA337673, T98788, F10720, AI910396, AW374767, AC004687</p>
1552	HWTBM65	876610	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 594 of SEQ ID NO:1552, b is an integer of 15 to 608, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1552, and where b is greater than or equal to a + 14.</p>	<p>AW137982, AI686316, AW137243, AW193522, AW373055, D79340, AI796896, AC004079</p>
1553	HCQBN77	876612	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 770 of SEQ ID NO:1553, b is an integer of 15 to 784, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1553, and where b is greater</p>	<p>AA908796, AA431249, AI743453, AI433466, AI613002, AW302156, AA758918, AA595771, AA432263, AA887241, AI459626, AA931083, AI522039, AA707461, AI612992, AA834959, R50375, AI004115, AI203186, R48003, R48117, L47334, AC005324, AA976609</p>

1554	HKAED74	876621	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 1917 of SEQ ID NO:1554, b is an integer of 15 to 1931, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1554, and where b is greater than or equal to $a + 14$.</p>	<p>AI796510, AA478680, AI972505, AA418501, AI917358, AI923250, AA210747, AI652196, AI652382, AA418404, AI683375, AI224156, AA844697, AA668890, AA315808, AI168734, AI374795, AI469242, AA814749, AI368714, AI347251, AA171797, AI745538, AA450160, AA495861, AI831534, AI206300, AA428536, W95434, AA831973, W95561, AI189412, AA688156, AI867333, AI867770, AI199241, T75325, AI089175, AA479220, AA443765, AA406142, F12995, F13001, T19179, F10596, AA424821, T90046, T19289, T75402, AA776218, F10590, AI868932, AA211708, AI539664, T90147, AA367325, AA428537, AA296374, AA307446, AA171681, AI793116, AI793143, R39216, AF048686, AJ006068</p>
1555	HCOAT20	876622	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 380 of SEQ ID NO:1555, b is an integer of 15 to 394, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1555, and where b is greater than or equal to $a + 14$.</p>	<p>D81622, D60051, H57196, AI125536</p>
1556	HCRMD40	876630	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 332 of SEQ ID NO:1556, b is an integer of 15 to 346, where both a and b</p>	<p>AL044257, W40373, AW250560, AA643353, AI991172, AA402608, AW249124, AI554578, AW328561, AW246456, AW051430, AA308337, AI346750, AW166193, AA703840, AI143755, AI951822, AW080812, AI189652, AI885695, AW166148, AW082817, AI953814, AA602780, AI951334, AI191618, AW248692, W45258, AA503856, AI378866, AA916922, AI089026, AA599791, AA032143, H48844,</p>

1557	HFIHO78	876631	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1556, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1563 of SEQ ID NO:1557, b is an integer of 15 to 1577, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1557, and where b is greater than or equal to a + 14.</p>	<p>AA402390, AI192449, AA826583, AW070627, N39330, AF004876</p> <p>AW150197, AA846471, AI146351, AI276560, H96798, AW016664, AA253395, W07219, H97716, M63896, L13853, S74227, L06865</p>
1558	HCRPG35	876633	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 264 of SEQ ID NO:1558, b is an integer of 15 to 278, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1558, and where b is greater than or equal to a + 14.</p>	AC004030
1559	HSQFQ2	876637	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 737 of SEQ ID NO:1559, b is an integer of 15 to 751, where both a and b</p>	<p>AI750171, AI692181, AI275606, AI453065, AI521837, AI634107, AW130839, AI654841, AA424967, AA059190, AA047896, AA148675, AW085538, AA026771, AI261336, AI696507, AA992863, N66291, R85666</p>

1560	HUFBF32	876638	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1559, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1924 of SEQ ID NO:1560, b is an integer of 15 to 1938, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1560, and where b is greater than or equal to a + 14.</p>	<p>AL134555, AI925308, AI625207, AI969783, AW262828, AW263812, AI685887, AA206222, AI086025, AI284055, AA143639, AI268485, AI312871, AL134554, AA969162, AI282923, AA074267, AA206652, N33991, N22039, T09372, AI760417, AA146631, AW083343, AI479411, AA742178, AW054790, AI586977, AI948545, AI991591, TS9451, AI565918, AI572624, AA627495, AA236672, AI798559, AW291470, AA292449, AA593202, T58112, AI815717, AI698280, AI4322649</p>
1561	HTXCO05	876643	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 875 of SEQ ID NO:1561, b is an integer of 15 to 889, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1561, and where b is greater than or equal to a + 14.</p>	<p>AW411282, R08081, AA307047, T98713, AW351792, AA325934, AW375839, AI694682, AI968390, AW370749, AW370756, U43431</p>
1562	HWMBJ09	876645	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1371 of SEQ ID NO:1562, b is an integer of 15 to 1385, where both a and b</p>	<p>AW337919, AA523430, AL044577, AW194215, AI686556, AI671043, AA652193, AI815222, AI694846, AA480192, AI289064, AI910616, AI923986, AI557645, AI799943, AI077441, AW007863, AA481900, AI123788, AW024224, AI355044, AW130857, AW054917, AA552445, AA923164, AA300093, AI686879, AI240984, AI625429, AI446337, AI557649, AI557647,</p>

1563	HSIDP84	876646	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1562, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 848 of SEQ ID NO:1563, b is an integer of 15 to 862, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1563, and where b is greater than or equal to a + 14.</p>	AA524488, AI557652, AI557651, AI557653, AA579950, AW338240, AI557650, AA480098, AI557656, AI557654, AI557655, AI557648, AA994813, AL044578, AI383197, AA910275, R05862, AA887744, R05776, AI940377, AA594829, AA858443, AI557657, AW337931, AW057864, AI720420, AI557646, AW363060, X87342 W61002, AW316845, AI674913, AI678011, AW190676, AI623768, AI934315, AI692242, AI023791, AI935868, AI934327, AI818628, AI589269, AI520775, C05899, AI598121, H58247, AW007303, AI703259, H70829, AI598076, H61582, H70828, AI932542, AI582914, AI587377, AI565896, AI445979, H94487, H79481, AI888892, H61583, M84424, J05036
1564	HUSJA29	876647	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3093 of SEQ ID NO:1564, b is an integer of 15 to 3107, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1564, and where b is greater than or equal to a + 14.</p>	AW173342, AA478670, AI968093, AI379615, AI634726, AW338720, AW104590, AI683681, AW169497, AI421606, AA694059, AI970918, AI432425, AA258286, AA234386, W49607, AI417965, AI359750, AI672733, AI094753, AI359735, AI421216, AI421807, AI492071, AW169163, AA406244, N50451, AI400745, AW051859, AI770144, AI418973, N94584, N22975, AW009450, AI423399, AI522259, AW150839, AI358559, AI688047, AA970514, AI768455, AA305807, AW243536, AI399686, W49640, AI280345, AA703127, AI632111, T63353, AI865130, AI474045, H47786, AI274468, AI341413, AW016684, AI399864, AA694012, AI097106, AL040613, AW182238, AA431110, R14723, R06613, AA972500, AW342058, AA887754, AW086061, AI026763, W23791, AI205812, AA232656, R67689, AA972808, Z45677, R36481, AA479212, AI567031,

1565	HCQAG09	876648	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 286 of SEQ ID NO:1565, b is an integer of 15 to 300, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1565, and where b is greater than or equal to a + 14.</p>	<p>R62535, R84588, N50507, AA969851, T97034, AA649044, AA315207, AA649043, AI471105, AI086675, R36482, AA613263, AI051650, Z41345, R42442, AI074320, R66089, AA812544, R06604, T96927, R06660, N32390, AI868697, R06669, AA432124, N79367, T63677, Z20112, AA883725, AI220180, AC004711, AB020684, AJ011911, AC005271, A74567, AA770028</p> <p>AF061056, AF084644, AF084645, AJ009936, AF188476, AF182217, AJ009937</p>
1566	HCROT53	876649	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 523 of SEQ ID NO:1566, b is an integer of 15 to 537, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1566, and where b is greater than or equal to a + 14.</p>	<p>U17105, Z36714, U20612, Z47766, U20636</p>
1567	HOENX50	876652	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AF039023, AC006432</p>

1568	HCEOW20	876656	<p>the general formula of a-b, where a is any integer between 1 to 319 of SEQ ID NO:1567, b is an integer of 15 to 333, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1567, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 635 of SEQ ID NO:1568, b is an integer of 15 to 649, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1568, and where b is greater than or equal to a + 14.</p>	AA985339, AA325781, AA041430, AC005531	
1569	HCRMG16	876657	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 379 of SEQ ID NO:1569, b is an integer of 15 to 393, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1569, and where b is greater than or equal to a + 14.</p>	Z99757	
1570	HCEPH79	876660	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	AA326212	

1571	HFOYY56	876666	<p>the general formula of a-b, where a is any integer between 1 to 552 of SEQ ID NO:1570, b is an integer of 15 to 566, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1570, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1643 of SEQ ID NO:1571, b is an integer of 15 to 1657, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1571, and where b is greater than or equal to a + 14.</p>	<p>AI828664, AW189077, AA186731, AA058868, AA723578, AL121358, AI221227, AI093392, AI138553, AW019870, AI803661, AA826404, AI004869, N67735, AI188839, AI474328, N64380, T71617, AI630399, AL120719, AA127002, AW386045, AA243169, N70412, N40572, AA977240, AI798975, H41757, H41758, AL046756, H40420, H50495, T91967, N44609, AA125926, H14602, AI950747, H20721, H72253, R10731, AW382088, AA069491, R44126, AI472460, AA045529, AA731653, AW366585, AI148840, AI373402, W58735, N35135, AI889177, AA127021, H71690, AA069453, AA125758, AI312614, AB006965, AF000430, AF061795, AF151685, AF019043, AF107048, AF132727, AF020212, AF020211, AF020213, AF132939</p>
1572	HSXDG80	876668	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1172 of SEQ ID NO:1572, b is an integer of 15 to 1186, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1572, and where b is greater than or equal to a + 14.</p>	<p>N76733, H97908, AI765923, AA100164, AI161123, AI269285, N45309, AI379293, AA026656, AA425856, H06713, AA628959, N54759, AA323052, AI123671, R78485, AA317233, N88108, T92033, T84742, AW263910, AI400524, AA628884, AW275553, AI039362, R78527, AA249635, AI041425, N52791, AI699248, AA223953, AI191006, N59264, AB020715</p>
1573	HHEUK77	876675	Preferably excluded from the	AA313261, AA300475, AA133237, AI768979,

1574	HHEDO14	876677	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 711 of SEQ ID NO:1573, b is an integer of 15 to 725, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1573, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1121 of SEQ ID NO:1574, b is an integer of 15 to 1135, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1574, and where b is greater than or equal to a + 14.</p>	AA580098, AA233499, AA314374, AW408727, AA094260, AI751632 AI189206, AI689297, AL037493, AW169116, AA648307, AA062916, AW292736, AI198589, AA902957, AI277799, AA767327, AI311067, AA937974, AA634429, AI004727, AI299652, AA032043, AA862157, AI291351, AA862156, AA181981, AA993666, AA991222, N52079, AA496026, AI000697, AI581889, AW342034, AI972961, AA948363, AA258118, AI971556, N89925, AA041553, H49505, AI017756, AA031961, W19241, F02366, F08820, R22625, H73943, R09488, AI472632, AA748836, AI262706, AA436938, AA877698, AA187708, AA081668, H94003, H49504, H73988, AA244456, AA259104, H95020, AA082449, F11149, F06110, R53670, X77743, X77303, X79193, L20320, Y13120, U11822, X74145, X83579, X57239, X65070 AA193161, T10237, H11797, D44986, R25550, T77684, R91095, H15636, Z42961, R17883, AA371122, AL035427, AF035288, AC007262
1575	HKIMC75	876680	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 845 of SEQ ID NO:1575, b is an integer of 15 to 859, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	

1576	HWMBI36	876683	<p>NO:1575, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 718 of SEQ ID NO:1576, b is an integer of 15 to 732, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1576, and where b is greater than or equal to a + 14.</p>	<p>AI435038, AI912169, AI701595, AI628945, AI819240, AI361891, AI057030, AI808292, AI478205, AA933801, AA633552, AI830350, AA513475, AI093856, AI566604, AI559922, AI000612, AA587035, AI222881, T27670, AI308944, AI308779, AA948404, AI346156, AA857101, AI539010, AI871676, AI628889, AI344797, AA865820, AI658897, AI475182, AW082952, AW102783, AI346307, AI972243, AL045929, AI682106, AI344182, AI590482, AI345860, AI569870, M16937, S49765</p>
1577	HE8TM64	876685	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1622 of SEQ ID NO:1577, b is an integer of 15 to 1636, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1577, and where b is greater than or equal to a + 14.</p>	<p>AI751497, W25812, AA307338, AA305326, AI367808, AA332338, AA545813, AA047778, AI251787, AL045193, D30819, AA319757, AW293922, X68199, X69987, L00923, AJ001381, AJ001382</p>
1578	HKLSA57	876687	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 645 of SEQ ID NO:1578, b is an integer of 15 to 659, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	

1579	HOGCV45	876689	<p>NO:1578, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1852 of SEQ ID NO:1579, b is an integer of 15 to 1866, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1579, and where b is greater than or equal to a + 14.</p>	<p>AA971761, AA316125, AA779730, AI342295, D82512, D82209, D82400, AI928195, R59543, R51409, Z43988, F11900, T65476, AA081963, AA304478, T65486, D82182, AA188083, X84373, AR031997</p>
1580	HADCX04	876690	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1482 of SEQ ID NO:1580, b is an integer of 15 to 1496, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1580, and where b is greater than or equal to a + 14.</p>	<p>AI824012, AA768896, AI400750, AW291960, AA449520, AI446344, AI911295, AA482984, AA677454, C75000, AA211913, AA449089, AL039130, AI086104, AA809866, AA814760, AA206769, R51297, Z40045, R59544, T65401, AW440101, AW197032, AA280932, T65412, D81782, R59543, AI916155, F09547, AA206804, AA304478, AA743706, C75037, AA209222, Z43988, R51409, F11900, AA316125, T65476, X84373, AF053062</p>
1581	HCRPH70	876693	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3884 of SEQ ID NO:1581, b is an integer of 15 to 3898, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI452523, AI478635, AI744981, AI560901, AI565588, AI798581, AI814640, AA653662, AA421151, AI660891, AW444552, AL039553, AI745043, AI570244, AI333562, AA205872, AI719554, AI149680, AW439417, AI921227, AA694055, AI601268, AA316992, AI393735, AW190924, AA838650, AI269927, AI095118, AW151035, AI769469, AW337209, AI025693, AA969146, AA577235, AL039554, AI049679, AA936325, AI242821, AA814514, AL121252,</p>

1582	HCRQM22	876696	<p>NO:1581, and where b is greater than or equal to a + 14.</p>	<p>AW376485, AW131188, AW192413, AL121316, AW014973, AA101068, AL039574, AW131134, AA573629, AA102113, AA961055, AW374678, AA194838, AW178971, AA344374, AW374624, AI183708, AA740187, AI537228, AA226093, R68854, H10750, AI802500, AA225947, AA397942, H13519, AW361330, AI208657, H25331, AA814957, AA618264, AA344846, AW380100, N75624, AA372640, F05661, AA206235, AL046083, T54750, AI701306, AA586552, AI857281, AI202213, H11029, H07142, AA206013, AI141812, AA352818, AI307792, R68760, AW374474, F08374, AA344845, N22383, AA353560, AI869073, AI762329, F01918, AA373973, T54663, N88370, AA092897, AA206054, AI040829, AA356450, R43483, AW374484, H06635, AW389283, AI749924, F04601, T19805, AA082735, AW273597, AW374506, AI557427, AA857322, AI721273, AI423660, AA302091, AA181082, R17993, AW360799, H13417, AA977862, H13460, H13520, AW360925, AI206966, AI206949, AI655406, I32959, X53586, X59512, I32960, X69902, X56559, AF166341, S66213, S66196, I32962, I32961, S52135, AF166343, AF166342</p> <p>AW403014, AI904490, AI831848, AA115313, AI761315, L16783, U74613, U83113, AR030545, A79030, U74612, AC005841</p>
1583	HKAEB15	876697	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 433 of SEQ ID NO:1582, b is an integer of 15 to 447, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1582, and where b is greater than or equal to a + 14.</p>	<p>AL036025, AW170264, AI752535, AI005255, AI983435, AW246157, AA830412, AA100899,</p>

		<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1260 of SEQ ID NO:1583, b is an integer of 15 to 1274, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1583, and where b is greater than or equal to a + 14.</p>	<p>AW029286, AW249623, AI817149, AI188189, AI080559, AI351548, AI800612, AA053203, AI472277, AA514834, AI805161, AW190531, AI674923, AI126935, AI692174, AW338703, AI298396, AA100900, AI371893, AA614754, AI280045, AA775722, AA748994, AW340009, AW021825, AW079812, AA687655, AA157990, AI335523, H28772, AA053118, AA179129, R98683, F37299, AA490300, AA128782, AI222643, AI971507, AA158221, W22913, AI808088, AI241313, AA128683, W75952, AA490392, AA937369, W70210, F27137, AI420918, R98910, AA878476, AA835695, D61351, T47481, AI698637, AA568407, AI114611, AA918093, AI873390, AA191377, AA352963, AA845387, AA206840, AI886265, T99184, AA179130, AA375818, AA190767, H19574, H92872, AA317262, H46433, AL110366, AA852372, AA318585, AA024678, F15781, H19492, AI356724, F29453, T82979, AA024463, H28745, AI864085, AA732079, AI701200, F31250, T47480, AA380664, D61207, AA206841, AA527568, AW087408, T99183, AI345010, AW152550, AI890507, AI815237, AI078510, AA715307, AA809974, AI520946, AA761557, AI445992, AI659795, AA641818, AW075608, AA857847, AW327325, AI860674, AA748353, AW090087, AI567971, AI433976, AL045413, AI860783, AI963172, AI590043, AI624543, AI064830, AI440238, N29277, AL038529, AW088037, AL038645, AW075084, AI310925, AW161202, AI538885, AI828574, AW161579, AI567582, AI289791, AI471429, AL120700, AW151136, AA659314, AI539771, AL121270, AI432644, AW162194, AI537677, AI494201, AI500659, AA425228, AI866465, AI540674, AI815232, AI801325, AL036652, AI500523, AI537617, AI538850, AI887775, AI270350, AI582932, AL043168, AI923989,</p>
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AI872423, AI284517, AI500706, AI890576,
AI445237, AI491776, AW151138, AI521560,
AI889189, AI623799, AI500662, AI539800,
AW172723, AI582912, AI284509, AI889168,
AI440263, AI927233, AI866573, AI633493,
AI434256, AI252414, AI866469, AI273179,
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AI500714, AI284513, AI345180, AI888118,
AI285439, AI859991, AI436429, AL079799,
AI355779, AI889147, AI623736, AI581033,
AI371228, AI334884, AI491710, AI440252,
AI431307, AW269098, AL047422, AW268251,
AI114703, AI866786, AI860003, AI610557,
AI431316, AI433037, AI242736, AA808175,
AI887499, AW151979, AI539781, AI364788,
AI867068, AW268768, AI702065, AI539707,
AI885949, AW089557, AI559957, AI285419,
AI500061, AI521571, R65859, AI469775, AI866581,
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AI446495, AW131331, AW193530, AA845354,
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U92992, I89947, AF153205, AJ012582, L19437,
A08907, AL122049, A08913, E02914, AF151109,
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AL137479, A08910, A08909, A08908, S76508,
AL137271, AF017152, AL133049, AL110280,
AB019565, AI8777, A77033, A77035, X70685,
X52128, AL050149, AF061573, AL133072, S68736,
AI8788, X93495, AF067790, I89931, AF215669,
A76337, D89079, A08911, AR038854, I41145,
I49625, AF113694, S83456, A07588, AL117587,
AL049382, AF126488, AL023657, AL137533, X99717,
AF102578, AL133619, X65873, E03671, AF079763,

A76335, AF118090, E02349, AL117435, E02253,
AL133010, I89934, AL117432, AL133565, AL133606,
S78214, AL137539, AL122110, AF100931, AL137526,
A65340, X79812, AL133080, AL133081, AF192557,
AL133075, U72621, AL080163, AL122121, A08916,
AF078844, AL137429, AF175903, AF065135,
AJ238278, U87620, AL133014, AJ005690, AF182215,
AF115410, X72889, AF113677, I48979, U66274,
E06743, U78525, AF115392, AL080126, AL137550,
A58524, A58523, AL133104, AL133067, AL133077,
AL050277, AF118094, A65341, U58996, AL080074,
AL049466, AL133557, AL137529, AL110158,
AF090903, AL050155, AL137665, AF169154, Y10655,
AF113690, AF090934, AF104032, AF067420, X06146,
Y09972, AL117583, M86826, AB007812, M27260,
AF061795, AF151685, AL110222, AL133054, X63410,
S75997, AL133093, AL133558, I26207, AL050172,
AF017790, AL080158, E01314, AF090900, AF125948,
AL096744, AL050393, AF106862, AF081195, E07361,
I89944, AL133560, AL137537, AL049283, AL117460,
AF109155, M96857, A58545, U57352, AL050108,
AF004162, AL137488, AC004200, E01614, E13364,
Z97214, AL133112, U88966, AL117648, AF162270,
AR068751, AL137627, AF207750, A57389, AF118064,
AL137478, AC004383, I33392, D44497, AL137530,
AL133640, AL117626, AF143957, U95114, AL137459,
AL137711, AL050116, AL137558, A08915, AL10225,
AL122118, AL050092, X72387, AL050138, U42766,
A15345, AF106945, AF091084, X82434, X66862,
AR009628, AF118092, AF120268, AF094480,
AL137471, AL049452, AF044323, AJ010277,
AF090901, AF137367, U35846, AC003032, AL137300,
AF002985, I80064, AF114818, AL049464, L13297,
Y16645, AL049300, A86558, AB029065, AF097996,
E04233, Y11254, AR029490, AL122106, AF111851,
I46765

1584	HSYAP76	876701	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 484 of SEQ ID NO:1584, b is an integer of 15 to 498, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1584, and where b is greater than or equal to a + 14.</p>	<p>AW411543, AL039599, AI351337, AI826980, AA160380, N67961, AI378493, AI951298, AI090558, AI348126, AA478324, AI200956, AA644040, AW024189, AA587243, AI812050, AI362845, F29594, AA776518, AA789114, AA931516, AI003566, AI707494, AA970343, H11327, AA947278, AA076341, AA915984, AI299557, AW299825, AA024520, AA258801, AA169301, AA342232, AA484880, W90755, AA516277, AI015269, R53617, AA113377, AI379669, AA829839, AA876766, H05518, AA053830, AI991853, AA810454, AI766365, R85352, AA502109, AA922383, H09142, AI680956, R69168, AA865843, H85022, AI886514, AA215481, R06394, AA524191, AA074146, AI638009, R76047, AA528723, F19676, AA588290, N56241, N75886, R22963, AW090423, AA088341, N22109, R75873, AA508387, N98357, N67304, AA749208, AA355684, AA258709, R87295, AI192394, AA477680, AA765589, AI886515, AA302356, AA670313, H11756, AA236894, AA304541, AA417858, AW167222, R51947, AA307613, AA478268, AA641818, AI252414, AI312364, AI244249, AI345180, AW269098, AW268251, AI348870, AW268768, AW073865, AI670009, AI473536, AI538259, AW409772, AI307604, AI433157, AI702073, AA838230, AI500061, AW084056, AI633125, AW152182, AI887308, AI872910, AL045500, AW020397, AW079432, AL040184, AI648454, AI766348, AL036631, AW162118, AW051088, AI698391, AI915291, AW088691, AI859991, AI582932, AI872423, AI889189, AI521560, AI866469, AW238688, W74529, AI281800, AI690748, AI569583, AI432030, AI610770, N75779, AI538564, AW161156, AI683173, AW089275, AA235825, AI623941, AI537677, AI890907, AI612852, AL046595, AI918435, AL047344, AI884318, AI569637, AA579618, AI868931, AA001397,</p>
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AI340519, R81679, AI860003, AI625079, AI890507,
AI499621, AW268067, AI620003, N33175, AI963058,
AA420722, AI471909, AL121365, AW198090,
AI890214, R32821, AI612750, AL037649, AI627988,
AL045163, AW151136, AI815232, AW103442,
AW078839, AL037454, AL119828, AL036802,
AI579901, AI538764, AL039274, AA502794,
AA908294, AI863241, AW020095, AI499986,
AI288285, AW083374, AI624293, AI590575,
AI345745, AI950892, AI801325, AI500523,
AI677796, AI537273, AL037030, AI611906,
AI797908, AI500662, AI866770, AI888661,
AL121564, AI498067, AW118518, AI241923,
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AW078735, AI889376, AI687362, AL038605,
AI564719, AA693331, AI783530, AI580190,
AI379711, AA505147, AI610895, AW160905,
AI866465, AL037582, AI567582, AL037602,
AI696612, AW163834, AF091555, U37408, AR014566,
AJ010483, AB033122, AF067795, U35846, I48978,
I89947, E04233, AR038854, AJ000937, Z37987,
AF090900, E12747, S63521, I48979, A08913,
AF087943, A58524, A58523, A08910, A08909,
AL023657, AF090934, AF125948, AL137271,
AF026816, AF111849, E07108, A77033, A77035,
AF090943, AF158248, AL133113, A08912, I89931,
AL050172, AL096744, AL080148, AL050393,
AF057300, AF057299, I00734, I49625, E00617,
E00717, E00778, AL133665, X72889, A08916,
AF113694, Y10936, X70685, AF146568, AL122118,
AR013797, AF113019, AF097996, I33392, AL049314,
AF026124, AF090903, AL137533, AL137488,
AL137476, AL133560, X81464, AL133067, AF028823,
Y16645, AL049283, AL122050, AF079763, AL049347,
AL050116, AL137558, AL137480, AJ012755,
AL133080, AL110221, AL117457, AF061981,

1585	HCRMV17	876716	<p>AF104032, M92439, Y10655, AL137283, AG5341, E05822, A08908, E06743, AF177401, U78525, AL137550, AL117435, A03736, AL110280, AL137557, AL080159, AF113699, Z82022, I46765, AF183393, Y14314, AL050149, AL133568, AF185576, Y07905, AL137294, S78214, AL122110, AL049300, AL050024, AL137478, E02349, AL137459, AL117460, AL050155, U88966, AF100931, AL110196, AL049430, AL137529, AL117394, AL137705, AF061573, AL137292, AL110159, X60786, AF132676, AL133640, AF061836, AL110197, X84990, A93350, AF039138, AF039137, AL133606, X83508, AL035458, AB016226, X82434, AF113677, L19437, AL050277, X72624, AL133075, X65873, AL137479, AR011880, A18788, A21103, AF091084, AF017437, AL117463, AL137523, AF061795, AF151685, AL133016, S68736, AF090901, AF106657, AF106862, S36676, AL049938, A18777, AR000496, U39656, AL080110, Y09972, AF090896, AF008439, AF098162, AF113013, AF054599, AF067728, AL117416, AF153205, A07647, I09499, AL050108, AF032666, S61953, X87582, Y11254, AL049382, AL117626, I17767, AJ238278, AL122100, AJ003118, AL050146, AL122093, AL050092, X98834, AL137463, AF113690, AL117644, X83544, AF111851, U58996, AL049466, AF090886, AL117440, AL110225, U80742, AF030513, AL050138, AL133031, AF102578, I42402, U00763, E03348, AF118094, AR038969, AL137538, AL080074, I03321, X59414, AF139986, U42766, AL137660, X53587, D83032, AF162270, X62580, AL117583, L13297, A12297, AL122121, AL122123, E15569, AL080124, AF119337, AF117959, AF113689, AF126247, A65340, U67958, AL137560, U67328, AL133081, AF151109, AL117649, E08631, AL133072, AL110222, AF079765</p>
			<p>AI492198, AA381672, W44823, AB002357, D26077</p>
			<p>Preferably excluded from the present invention are one or more</p>

1586	HOEKC59	876719	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 714 of SEQ ID NO:1585, b is an integer of 15 to 728, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1585, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1794 of SEQ ID NO:1586, b is an integer of 15 to 1808, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1586, and where b is greater than or equal to a + 14.</p>	<p>AI436209, AW026035, AI401315, AI446530, AA588136, AI591172, AA497132, AA927681, AA497055, AI951115, AI200036, AW238900, AI493315, AI400504, AI089283, AI925204, AW069539, AA857330, AI191461, AI378670, AA410339, AI472923, AA747530, AA766215, AA234951, AA988960, AA037081, AI246277, AI167513, AA704133, AI080251, AI055948, AA614812, AA130081, AI015171, AI493376, AA235125, AA825222, AA449908, AW206209, AA130080, AA029281, W25810, AA613492, Z44379, T19354, AA406250, AA250960, N74300, T19203, AI417639, D82431, AI198426, R23635, Z40312, AW390845, D79780, D79680, R24115, AA455230, AW390828, D63116, AA465608, T10625, W51823, N88198, AA029425, AW390832, D19792, AA258657, AA449961, AA089740, AB003103</p>
1587	HKCSL28	876722	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 363 of SEQ ID NO:1587, b is an integer of 15 to 377, where both a and b correspond to the positions of</p>	<p>AI275539, AI299922, AI245421, AA872397, AI288931, AA927697, AI244692, AI378809, AA887588, AA917836, AA894628, AI299933, T28672, AL022315, M87842, M14079, M87859, M87860</p>

1588	HHEFB46	876725	nucleotide residues shown in SEQ ID NO:1587, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1472 of SEQ ID NO:1588, b is an integer of 15 to 1486, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1588, and where b is greater than or equal to a + 14.	AI052256, AI126717, AW189938, AA745594, AI885180, AW070663, Z99376, AI014817, AW239211, AI784576, AW327439, AA524748, AW073683, AW276639, AA835672, AI608763, N36799, AW247076, AA627848, AI127547, AA740916, AW327258, AA166916, AA568685, AA828239, Z99375, AA700740, AW327612, AA812422, AA099018, AA761648, AI051506, AA573156, AI025865, AA503846, AA592898, AA160273, AA775540, AA451628, AI185757, AA768416, AA687268, AI371140, AI371046, AA074799, AW029151, AW250428, AI138225, AI089539, AI004126, AA809470, AI537332, AI073676, AI190076, AI278484, AA167073, AA127406, AA649193, AA721424, AA715174, AA978034, AA524391, AI923795, W88636, AA393865, AW403551, AA173982, AW362155, W73908, AI635344, AA856908, AA962673, AI024400, AA992622, AI167830, AA314538, AI031946, AI752947, AA100657, AI922493, H83589, AA593126, AA888675, R54097, AA031733, AI033288, AA506081, AI380802, AI491801, AI953284, AA085335, AA127405, AA515785, AI761093, AA076411, AA075012, AA305905, W76601, AI039462, AA450223, AA112634, AA082732, W74770, AW341032, AA725074, AA074990, AA009468, AA889213, AA565437, AW079297, AA099096, AI064753, AA027240, H00352, AA173626, AI380804, W88554, AA076267, AW105351, AA076266, W52167, AW021312, AA693887, AA164763, AI249663, AA031732, AA403080, R89292, R51433, AW327440, H02543, N52907, AA113337, AA127505, AI282747, AA164762, AA411811, AI459951, AA133539, AA514558, AI197787, AA160272, AW393147, AA314358, AA933718, C00036, AA639385,
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1589	HWBBS84	876726	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 984 of SEQ ID NO:1589, b is an integer of 15 to 998, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1589, and where b is greater than or equal to a + 14.</p>	<p>F25558, H02544, AI696072, H71452, AA361575, R11641, AA115764, AI720134, R54151, AA588847, W73014, R99520, R89293, AA969406, AI797468, AA864670, AI083791, AA628031, AA974650, AA053334, AI379135, AI380120, AA058648, T27975, AA393799, AA738408, AA076505, H94038, AI126113, AW449655, AI686294, T47873, T73141, R16766, AA810517, T74664, R07722, R07723, AI300209, N45959, H47972, AI379137, AA903779, AA876048, AA320546, AA922980, AA782268, R10017, AA644180, R15278, AA356761, AI688217, R93621, AI476203, AI267797, AA027239, AA910612, AI201954, R09847, AW364121, AA179728, H47662, AW104377, AA872213, AI718364, AW166745, AA191273, AA492543, T83787, W24030, AW197934, T11052, AI686637, AW351540, N55602, AA127491, AA665178, W63552, AI143483, R99521, AA009700, R85393, T03064, F05216, F06634, T18456, H94124, M29536, X73836, AL031668, AC007934, AF076927</p> <p>AA775676, AA306997, AW299505, AA295175, AI660377, AI698467, AI925518</p>
1590	HSIFZ22	876728	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 984 of SEQ ID NO:1589, b is an integer of 15 to 998, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1589, and where b is greater than or equal to a + 14.</p>	<p>AI554023, AI913274, AW383970, AW383965, AW383954, AI539770, AI609013, AL043107, AW383974, AW383967, AW167072, AW383980, AI591170, AA001432, AI612801, AW129469, AI799420, AA001431, AW383968, AI978633,</p>

1591	HCRNB80	876731	<p>is any integer between 1 to 2108 of SEQ ID NO:1590, b is an integer of 15 to 2122, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1590, and where b is greater than or equal to a + 14.</p>	<p>AW383979, AW380739, AI289788, AL041919, AI375787, AA888783, AI560125, AW383982, AI129128, AI073851, AI818814, AA157885, AA157573, AW365658, R53920, AW363206, AI590019, W67551, D29067, AA143454, AI273137, T29043, AI681062, AA862112, AW383985, R53921, AI609506, AI648445, C00135, D29068, AI567045, W67580, N74341, AW189660, AA143453, AI168413, D29362, AW383976, AW363205, AW392754, T25083, L34155, X84900, X84013, X84014, U61261, X85107, X85108</p>
1591	HCRNB80	876731	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 515 of SEQ ID NO:1591, b is an integer of 15 to 529, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1591, and where b is greater than or equal to a + 14.</p>	<p>AI750182, S79871, S79910, U37431, S79869, AC004079, Z64816</p>
1592	HTPAY47	876732	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1202 of SEQ ID NO:1592, b is an integer of 15 to 1216, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1592, and where b is greater than or equal to a + 14.</p>	<p>AL045837, AW290917, AI925409, AW168903, AW068826, AI083568, AW026383, AW262903, AI926513, AI979214, AI890598, AI750592, AW339074, AA418236, AW029483, AW022107, AW295181, AA664461, AI752803, AI740606, AI147688, AA970819, AW068765, AI473816, AI751522, AI925816, AI459360, AI752768, AI752291, AA639417, AI460028, AI752525, AI750945, AI694639, AA599476, AW131293, AA242752, AI750659, AI889686, AI888426, N71781, AI357766, AW021892, AI755098, AA350793, AW067910, AA853461, AA298896, AI784082, AA853579, AA852453, AA852454, AA853800, AA307755, AI925501, AW021059, AA976657,</p>

1593	H2LBA37	876743	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 675 of SEQ ID NO:1593, b is an integer of 15 to 689, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1593, and where b is greater than or equal to a + 14.</p>	<p>AW150473, AW166734, AA627471, R30650, AI752649, C01914, AL049389, AL109718, AB033025, I95744, AR053539</p> <p>AA315933, AA314510, AF121164</p>
1594	HWLIP86	876744	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 932 of SEQ ID NO:1594, b is an integer of 15 to 946, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1594, and where b is greater than or equal to a + 14.</p>	<p>AW024392, AF121164, AA863031, AA639871, AA954258, AA877523, AA741216, AI289873, AA515094, AA568880, AW272162, AA315933, AA314510, AW135907, AA887896, AA954266, AA577173</p>
1595	HGBAM79	876745	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 861 of SEQ ID NO:1595, b is an integer of 15 to 875, where both a and b correspond to the positions of</p>	<p>AA424088, AA419164, AI003828, T28640, H69474, Y00291, M96023, S56660, X07282, AF110730, AF110729, AF157483, X59473, I09352, I09359, S63196, X57340, X57339, X56674, X57341, M96022, I09358, M96021</p>

1596	HKAUFU85	876747	<p>nucleotide residues shown in SEQ ID NO:1595, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1243 of SEQ ID NO:1596, b is an integer of 15 to 1257, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1596, and where b is greater than or equal to a + 14.</p>	<p>AI346365, AA641709, AA627539, AI340146, AI909720, AA555216, C16952, AW014754, AA857163, AA975933, T29526, AI431323, AI269804, AW371982, T61465, D29449, AW268543, M30704, AR0522268, M30699, M30703, AR052271, M30698, AR052272, M30700, Y09830, M30701, M30702, AR040760</p>
1597	HNFE067	876750	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 927 of SEQ ID NO:1597, b is an integer of 15 to 941, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1597, and where b is greater than or equal to a + 14.</p>	<p>AW361809, AA775705, AW361849, AA639664, AW361714, AW370643, AW361561, AW378536, AW378537, AW378541, AA088182, AI185232, AI679593, AW378535, AI831033, AW390710, AA043959, AA088652, AA968933, AA621368, AA628938, AA524822, AA043825, N21038, AW062555, AW361879, AI620610, AI906062, AW385408, AW373796, AW385411, AW385415, AW360894, AF112225, H75542, AW385929, N84722, T19738, AW193817, AW379467, AL135407, AA096480, AA911574, AA745725, AI245925, AA128676, AI087249, AI744235, AI752870, AF201337, X05276, Z98883, AC006316</p>
1598	H2MBA27	876752	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 491 of SEQ ID NO:1598, b is an integer of 15 to 505, where both a and b</p>	<p>AI571948, AA308400, AA573793, AA314326, AA568312, AA614579, AI925552, AA307578, AA507595, AA614409, AA314825, AA578674, AA582084, AW009769, AA514776, AA588034, AW004668, AA587613, AA582276, AW050700, AI624586, R83818, AI001051, AI910275, AW050690, AA864309, R83377, AA524242, AA507418, AI202532, AI307407, R55389, AI970839, R55292, AI909751,</p>

1601	HOEMQ68	876762	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3082 of SEQ ID NO:1601, b is an integer of 15 to 3096, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1601, and where b is greater than or equal to a + 14.</p>	<p>T40470, AI904794, AA384278, AI568036, T39196, C75672, T27972, D55752, R22288, AA862190, AI907464, AA149395, AA513034, R35775, AA484012, AA649723, AA160260, AA074934, AA262411, AA828667, AA501402, AW302880, AI076612, AA506004, AA975564, D19957, L10911, L10910, AL034370</p> <p>AI810904, AA603949, AI680975, AI754691, AI126502, AI393833, AI770102, AW261877, AI335098, AI633698, AI093265, AI027769, AI885125, AI373081, AI580943, AI393771, AA749301, AW338708, AI250780, AA287845, AW453050, H71837, W03966, AA152044, AA603836, AA287846, AA042955, N99630, W02451, N25637, AI917997, AA244066, R63787, AA578977, AW239000, R78310, H54574, AA037115, N34235, AI240141, AW130305, H02870, AA042815, R73884, AA334992, AA114063, AA515422, AA368391, R62757, AA311857, R82819, AI128764, R63733, AA664138, AA953035, AA113801, R63857, AA298118, R23143, R62758, T69806, AA303428, R34175, R73971, H59544, R23144, T70792, R31823, R82820, AI933547, AA244223, AI806610, AA742952, AI453225, AA327996, AW338192, R22283, R77939, AI240290, N72673, N95485, AA152084, AI383282, H60415, N98505, AW361055, R32084, R31777, R34297, R32031, AA374818, AA300327, AI076967, AA622059, R63858, N73903, AW150955, AI368478, AA037154, AW087179, AL080209, X67780, AF130561, M96248, M64474</p> <p>AA347863</p>
1602	HHFCP36	876764	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 322 of</p>	

1603	HTXKH86	876767	SEQ ID NO:1602, b is an integer of 15 to 336, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1602, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1021 of SEQ ID NO:1603, b is an integer of 15 to 1035, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1603, and where b is greater than or equal to a + 14.	AA314774, AI291017, AA191539, AI298290, AA147791, AW238920, AA308544, AA187762, AA081307, AA075926, AA773549, W52392, AA780574, AL038991, AA307244, AA181578, AA081167, C06415, AW402249, AA165319, AA132481, AW247110, AA076454, AA079384, AA304499, AA181561, AI857405, T35498, C06389, AA181655, AA314234, AA352654, Z45227, AA992505, AW000888, AI651014, AI392985, T34265, AI344273, AW3411319, AA190808, R71708, AF104669, U87954, AR035973, U59435, X84789, U43918, U50137
1604	HISCI72	876771	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2217 of SEQ ID NO:1604, b is an integer of 15 to 2231, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1604, and where b is greater than or equal to a + 14.	AI743600, AI885169, AI937505, AI042181, AA854952, AI522015, AA400219, AI522002, AA305093, N26064, AI888285, AA400130, AW296334, AW292016, AW440393, AI146794, AA187458, AI262079, AA855005, AI476446, AA187590, AI202446, AA860740, N50825, AI014949, AA041540, AA846133, AI335358, AA885027, AI038001, AW163208, AW070692, C06284, AA838476, Z43206, C05759, AA190468, AI680041, AA635314, AI034110, AA622708, AI000051, R64675, W44694, D60048, AA805958, F07813, Z40908, AA565995, F02659, AI471921, F05522, F05523, AI034108, R27644, AW236720, AA039917, AW163735, R64676, R27550, W38645, F01794, F01795, AW263460, D52614, AW151942, AA090824, C00912, X92396, AJ225782, X96737, AJ004799, AJ225808, X95807, AJ133541, AJ133539, AJ225807, X95806
1605	HJACJ75	876773	Preferably excluded from the	AA309052, AW247981, AA311506, T87086, AA352616,

1606	HTEDS58	876776	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 665 of SEQ ID NO:1605, b is an integer of 15 to 679, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1605, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1663 of SEQ ID NO:1606, b is an integer of 15 to 1677, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1606, and where b is greater than or equal to a + 14.</p>	<p>AW339919, R01803, AW054854, H63371, AI097555, AI128037, AW392879, AW392871, AI197762, AW392909, H45736, U18300</p> <p>AA147098, AA506483, AA459122, AA553631, AA687219, AA639000, AA507321, AI475344, AW016032, AA902221, N47467, H15303, W69943, AA419435, W69833, AA680161, T27895, AI680311, H93979, C75158, H93980, R25544, AA223335, H15697, AI758259, AW079484, F02620, AI933243, AI680312, F02623, AI191766, R12384, AA371184, AA714796, AI383543, T69739, R09794, AI873805, AI581822, AI371311, R15273, AA093267, AA312224, S67325, X73424, AB000886, M14634, M13573, AJ006497, AJ006496, AJ006499, AJ006494, AJ006488, AJ006491, AJ006493, AJ006492, M31167, AJ006498, U86128, M31169, AJ006495, M31168, AJ006489, AJ006490</p> <p>AA347492, AA307478, R18976, AA233030</p>
1607	HUVHP60	876789	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1195 of SEQ ID NO:1607, b is an integer of 15 to 1209, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1607, and where b is greater</p>	

1608	HUFCI29	876791	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2594 of SEQ ID NO:1608, b is an integer of 15 to 2608, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1608, and where b is greater than or equal to $a + 14$.</p>	<p>AW007623, AI963511, AI587104, AI453405, AI694729, AI796832, AW363443, AW387811, AW387793, AI826957, AW361899, AI955696, AI955780, AI827005, AW387799, AI828295, AW192552, AA581220, AA527188, AW387817, AW363244, AI818260, AI956167, AI801443, AI904486, AI400372, AI921063, AW338519, AI693877, AI074261, AI927711, AI956102, AI920992, AI972695, AI911695, AI828218, AW076111, AI682785, AI921387, AW387812, AW337936, AW363218, AW364488, AI346975, AI913862, AW440967, AW130304, AW360772, AI696946, AI672948, C05920, AI587485, AW070932, AI635943, AI262029, AI739440, AA100719, AI955836, AI262264, AW376483, AW130542, AI972967, AW175800, AW387796, AA579753, AI446049, AI569938, AI934313, AI609930, AI677998, AI431963, AA553880, AI828330, AI597812, AA040073, AW360835, AA917638, AW377104, AI682718, AI354639, AW376508, AW192548, AI962102, AW376484, AW392307, U47705, AI813978, AW362727, AW361642, AA828073, AI261531, AI277071, AW136050, AW361304, AI934325, AA152037, AI695028, AI631388, AW377034, AA316326, AI470301, AI962061, AW377083, AW360762, AW362547, AI640638, AW391349, AW375920, AW376475, AW243579, AA130547, AW365061, AI961867, AA135037, AA581264, AI250167, AI453469, AI696953, AW376234, T29561, AI589481, AI582988, AW387713, AI537547, AW387715, AW376010, AI926514, AA132781, D45505, AA367446, AA838269, AA295348, AI828399, AI473526, AI587351, AA053595, T93569, AW376489, AW393447, AI584131, AA132182, AW360942, AL121028, AI569894, AI264699,</p>
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1609	HCRNO02	876795	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1999 of SEQ ID NO:1609, b is an integer of

1610	HAUAF56	876798	<p>15 to 2013, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1609, and where b is greater than or equal to a + 14.</p>	<p>AI367070, AA976607, AA583461, AI249930, AW051844, AW205361, AA507715, AI954585, AA922244, AI273733, AA126244, AI087863, AI251918, AI334712, W67736, AI242730, AA101742, AW135527, AW402172, AA640129, AI347209, AI286337, AI581372, AI469691, AA069014, AA934842, AA508884, AI887809, AA831979, AI244186, N50480, AI275702, N50424, AA736752, C20724, N95586, AW304156, AA459318, AW192272, AI275964, AA947333, AA902224, AI220977, AA742300, AA321817, AA553858, R63954, AI933896, AI569580, AW084360, AI802071, AA888637, AI802496, AA364540, AA330481, AI623357, AA459100, AI879891, AA321816, AA806651, AW270487, AW117230, N73503, AI763427, AI570080, AA602961, T27344, W25008, AA306002, AW377570, AA016984, W67735, AA377036, AA092406, AA876851, R27168, AA069079, U18914, S82081, U35428, D82579</p>
1610	HAUAF56	876798	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 590 of SEQ ID NO:1610, b is an integer of 15 to 604, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1610, and where b is greater than or equal to a + 14.</p>	<p>AA843663, AI636447, AI652163, AI741572, AI734839, AI191667, AI311840, AI092011, AA838667, AI651387, AW236921, AW241575, AA861653, AI800862, AA602368, AI689816, AW051840, AI354951, AA573089, AI148406, AI141828, AI183782, AI194006, AI693445, AI635512, AI493869, N90872, AW237388, AA126737, AA732844, AI192168, AI217045, AA137055, AA994789, AI493086, AA845631, AI094429, AL047557, AA181124, AI140430, AI860338, AA723326, AA506514, AI718897, AI142056, AA694462, AA527690, AA719919, W60495, AI128784, AA295736, AA719929, W74729, AA046090, AL079932, T27623, AI183793, AA777211, AA187497, W60781, W02217, AL047558, AI962738, W57590, W58378, AI040455, N78658, AA128249, AI092598, AI127083, AI767352, C00790, AI796294, F21069, AI962745, W58054, R82964, AI127007, AA319961, H25260.</p>

1611	HHEUM25	876802	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 965 of SEQ ID NO:1611, b is an integer of 15 to 979, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1611, and where b is greater than or equal to a + 14.</p>	<p>AA046133, F29476, AI024494, D57900, AA187496, R27633, F15904, N92901, F16228, AI880466, AA513941, AI028160, AA320194, AI942291, W15147, AA515161, AA319909, H27992, AA137126, AA032269, W17092, AA305767, AA317925, AA315585, AA316680, AA385920, AA082685, AA393514, AA319917, R82782, W21107, H58270, W60536, AW385090, AI857611, AA320009, AA125888, H48415, W74517, AI080481, H74142, W23645, F37285, AI831575, AW009545, AW405620, AI766029, AI208938, AI338767, H30492, AI907307, F00610, N86957, AI955298, AI904744, C02928, F31730, AA300671, AW375698, AA778636, AA314317, AW131256, AW173066, AI590946, AI880624, AI566275, N91884, AI610714, AA640156, AI573297, AI475815, H26962, AI923989, N25033, AA804541, AI638798, J02874, A98023, M94856, AF181449, AF102872, AF136241, AP000547, AP000365, I88901, R82963</p>
1612	HWLQW0 ₈	876804	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 490 of</p>	<p>AI817822, AA148948, N50594, N25959, AA086480, AA148949, AW272750, AA374494, AW105366, AA160920, N50540, AA602221, AA160014, H53938, AI079093, AI015698, AI439431, T89890, AA086479, H83411, AB033097</p> <p>AW294678, N67220, AI538999, AW119213, AI367010, AI039731, N91158, AI357776, AW051603, AI435358, AI369016, AI091413, AI435427, AW296026, AW195056, AI765593, T16459, H99837, R55315, D29082, H88285, AI537645, R33635, D63011, AI553628, AI923565, AI270171, H49679, D61792,</p>

1613	HOEP07	876807	SEQ ID NO:1612, b is an integer of 15 to 504, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1612, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1636 of SEQ ID NO:1613, b is an integer of 15 to 1650, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1613, and where b is greater than or equal to a + 14.	H52824, R55417 AI290876, AI765569, AI808777, AI338031, AA913566, AA573434, AI568487, AW175945, AI365073, AA845201, AA919010, AW418765, AA236333, AI127241, AI014784, AA687950, AA860243, AI393429, AA236239, AI266211, AA315078, AI802767, AA581469, AA620711, H45711, AI679135, AI572470, AA332122, AI024576, R70552, AA296901, AI809670, AW008766, AI915360, AI687397, AW023240, H45668, H04001, AA297249, AA621680, AW188056, D25944, AW196645, AA506116, H26091, AW193001, R70465, AI784132, AA382289, H03205, AI537449, D58213, AA298492, AA298805, D58295, AA904960, AA298494, AW020800, C03318, AA370634, AF105036, U20344, U70662, AF117109, AF022184, U70663, L26292, AB028623
1614	HCQAE79	876809	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 973 of SEQ ID NO:1614, b is an integer of 15 to 987, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1614, and where b is greater than or equal to a + 14.	AI346844, AW001371, AI991265, AI246778, AI749252, AI832475, AW000710, AI672920, AI991837, AI677743, AI281892, AW000809, AI991841, AI983400, AI673613, AW054915, AI991308, AA857748, AI672894, AI732375, AA534503, AI475425, AI673137, AI732350, AA523410, AI991039, AW001307, AA327452, T28149, AA327059, AI991842, AW374797, AI688199, AI475214, M94132, L21998, I95743
1615	HCQDR53	876811	Preferably excluded from the present invention are one or more polynucleotides comprising a	AI738919, AI923216, AW237190, AI769620, AW137673, AI905420, AI905431, AI148633, AW272315, AA587775, AI499299, AW072235, W60565,

			<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1473 of SEQ ID NO:1615, b is an integer of 15 to 1487, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1615, and where b is greater than or equal to a + 14.</p>	AA774861, T85091, AA150805, AA666115, AA150811, T33125, AA173650, T84156, R49735, AA150702, Z43018, T35291, H82424, R72617, AI221587, Z38222, Z39956, AA150709, F03307, R48157, T35290, R40351, T35286, H71220, F03153, D61519, AI650460, H71219, AF034745, AF034746
1616	HOEFO36	876816	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 699 of SEQ ID NO:1616, b is an integer of 15 to 713, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1616, and where b is greater than or equal to a + 14.</p>	AI453687, AI571506, AI417180, AI453138, AA993886, AI048366, AI587024, AA769711, AA906543, AI333633, AI692876, AW007640, AI399951, AI983818, AI750469, AI433964, AW130422, AI355200, AI567515, AW069544, AI367996, AW338539, AI925385, AI583403, AI014460, AI077522, AI435310, AI969659, AA149832, AI016334, AI016317, AI804042, AW068411, AA131691, AI339632, AI750268, AA476585, AI955590, AA962069, AI753179, AI247016, AI338848, AW073799, AI753153, AW068385, AI378389, AW073223, AI752287, AA600284, AI474336, AI359229, AA569973, AI342311, AI623621, AI753719, N23207, AI587013, AW068131, AA149811, AA723444, AA996275, N90797, AI888908, AI016443, AI961932, AI445548, AI783830, AA252895, AW382060, AA860598, AI417168, AI913843, AI624276, AW078934, AI635286, H88017, AW296238, H38240, AA131706, H88241, H88729, AI251004, AI351084, AA481319, AA194241, AI520853, AW068232, AI566383, AA853382, AA055161, AI610126, AW021156, AW021155, AI359367, AA586748, H78023, T79480, AA853653, AA779368, R40660, W86006, AW023185, AA055064, T94348, AI033179, AA677178, AA976366, R51036, AA156786, AA131536, C00154, AA131612, T28255, AI701212, R40533, C16582, C21348,

1617	HFIAL22	876817	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3508 of SEQ ID NO:1617, b is an integer of 15 to 3522, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1617, and where b is greater than or equal to a + 14.</p>	D25653, H88728, L12350 AI346330, AA149866, AW190828, AA149859, AA625208, AA156875, AA569973, AW237648, AI610126, AI016317, AA315598, AA741426, N28788, AI247016, AI753179, AI160032, AA476585, AI033179, AI130835, AI342311, AI359229, AI016334, AI378389, AA600284, AW376487, AI753153, AI804042, AI474336, AI338848, AW068385, AA677178, AA435731, AI750719, AI752286, AW376482, N23207, AI075364, AI623621, AI359367, AI752287, AW068222, AI587013, AA962069, AA996275, AI750268, AI137125, AI246892, AI753719, AW073223, AA252872, AI417168, AI955590, W19516, AA397612, AA137054, AA316564, W94600, AI750531, AA723444, AI453687, AA860598, AW382060, AI752635, T79570, AI624276, W95178, AW067923, AW294003, T28255, AW296238, AI571506, R51145, H88729, AA331775, AA313295, AA481319, H78022, AA307252, AI351084, AA316570, AA625464, AW023185, N83257, AA448908, R14334, AI417180, AI520853, AI566383, AA055161, AA307888, AA639814, AA853383, AA993886, T79480, AA375731, AA853653, W86005, AW299293, H88728, AA327868, AA055064, AA906543, W86006, AW068232, AL048366, T94703, AI333633, AI587024, AW007640, AI750469, AI453138, AA193298, AA769711, AI983818, AI692876, AW130422, AA131536, C00154, AI355200, AA131612, AI367996, AW338539, AI925385, AA382961, AI399951, AI433964, AA344029, AW068411, AI014460, AI701212, AW069544, AI750269, AA374787, AA040676, AI583403, AI567515, W46226, AI969659, W46227, AI077522, AA149832, H38013, AW073799, AI435310, AA976366, C21348, AA149811, AA131691, D25653, N90797, AW068131, AI635286, AA252895, AI888908, AI783830, AI961932, N66997, AI016443, H88017,
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1618	HWLMN8 5	876822	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 888 of SEQ ID NO:1618, b is an integer of 15 to 902, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1618, and where b is greater than or equal to a + 14.</p>	<p>AI913843, AI445548, L12350, M81339, X96540, L07803, M60853, M87276, M64866, X87620, M62462</p> <p>AI742117, AW051723, AA933088, AI246040, AI702461, AA612941, AA017379, AI362464, AA173916, AI474790, AI802234, AI863510, AA059061, AI284788, AA724009, L20826</p>
1619	HCGLC91	876823	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1144 of SEQ ID NO:1619, b is an integer of 15 to 1158, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1619, and where b is greater than or equal to a + 14.</p>	<p>AI140351, AI859347, AA530873, AA121548, AI815642, AA768342, AI864674, AA127712, AA722381, AA987515, AW275917, AA417302, AI354682, AI025466, AI859814, AA130959, N92869, AA100477, AW190165, AA768339, AI920875, AI051671, AW089493, AA417265, AA587755, AA045598, N21328, AA314322, AI371694, AA844332, AA043186, AI567303, R83064, AI350331, AW193146, AA580315, AI039892, AA828283, AI952434, AW377665, AI289086, AA100476, AI014387, AA917482, AA975893, N21020, AA621534, AA045597, H94056, AA306867, AW406948, AI564973, AI816957, AA729835, AI289415, AW103201, AI187288, AA661773, H80956, W04309, AW088039, AI018462, AA649285, AI083853, AI952495, AI419448, N47889, R89903, N27984, T40562, D82429, N80197, AA868207, AI955989, AI091426, AI873582, AW138496, H81296, AI288157, AI833059, T91268, R63140, AA130829, D12288, AA298770, AI699667, AI942324, AA310276, W22908, AA074395, D12293, T91580, AA342276, H81350, AA053266, AA353671, AI202414, AI832968, AA342277, AW084334, W25596,</p>

1620	HMHBJ66	876829	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2246 of SEQ ID NO:1620, b is an integer of 15 to 2260, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1620, and where b is greater than or equal to a + 14.</p>	AA297193, AW351513, AW377656, T98269, D12294, AI866230, AI908913, AI868829, R83013, AI220723, T85780, AA344066, AA382073, AI310801, AA807562, AI908912, W38488, T91628, AA193223, AI864799, C75247, AA370966, AI144388, AA334159, AW381854, AA311797, AW381856, N51146, AA100050, AA314221, AW380232, AA788629, N74141, AI802279, AI818065, AA894373, AW021281, AL122042, AC007842 AW392298, AW272601, AW014611, AI080627, AA430298, AW384668, AI797727, AI608964, AW272675, AW102844, AA176108, AW377459, AI131469, AI084855, H39807, AA625560, AI056544, AI753175, AI091091, N39574, AW071471, H49986, AA910009, AW439892, H17269, AI963968, AI038233, AI037961, AI038179, Z43393, W44646, H23373, AI656018, H01113, AI908070, AI908158, AI206196, AI831184, W28309, H17270, H23766, Z39465, H50029, AA307687, AW270187, H39808, T35734, N46719, AA031949, AA331031, T34994, AA320956, AA032033, H23262, N38880, H16357, AA355879, F02185, H23737, AA307468, W47462, AA127936, AI352060, F05939, F07123, AI342167, H16309, R27641, AA765464, AI342795, AA176107, AW238220, AI061303, W44647, AA746939, AA524800, AA856945, AA054355, H81732, AA664924, AI624800, AW265688, AA515440, AW023975, AA714524, AW166920, AA054055, AA290802, AI478965, N34258, AA564682, R20234, AW338370, AI049845, H01243, AI749527, AW338244, AA588353, AA745302, AI859744, AA362732, AA528566, AA523695, AF155120, AL034423, U39361, AP000505, AL021453, AC007036, Y14768, U63721, AC003982, AC007193, AC002511, AC004841, AC005632, AP000126, AP000204, Z85987, AC005920, AC005291, Y11107, AJ246003, AF001552, AC005318, Z81359, AL109613, AF111169, AL022322, AC005846, AL121655, AC004181, AL031662,
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	AL096701, AC004000, AF038458, U47924, AF001548, AF196969, AC005529, AL049747, AC005921, AL022316, Y18000, AC005348, AL009031, AC007842, AP000359, AC005874, AF134471, AC005091, AC002326, AC004216, U93305, AC004985, AC007845, AL118497, AC002351, AC006388, AC006064, Z83844, Z98949, AC004865, AL080243, AC005086, AL049795, AC005099, AF067844, AL035072, L78810, AC005231, AL121658, AL117337, AL049843, Z97053, AC002302, AC002377, AC005288, AC005822, AL031289, AC003102, AL021546, AF165926, AC005004, AC005081, AC004531, U52112, AL078602, AC006059, AC004814, AC003010, Z93020, AL022320, AL132642, M89651, AC002565, AL049869, AP000117, AC004812, AL049748, Z97054, AC006390, AC006197, AP000104, Z54246, AC016026, AC004081, Z82198, AC004816, AC002492, AC006241, AC007537, AC006023, AL035420, Z99128, AC004019, Z97989, AL031311, Z81357, AC004797, AC003029, AC008122, AC005841, AL133485, AP000688, AC005102, AP000692, AC000353, AL031291, AC002288, AC006071, AC004887, AC002357, AC006276, AC007040, AL031728, AC004837, AC004685, AC005753, Z82190, AL133448, AL023553, Z95114, AC006449, AC005516, U95742, AC002375, AC006160, AC011456, AC004876, AL023807, AP000513, AC004477, AF039907, AL049779, AC006480, AL031281, AL133355, AC007458, Z49258, AC003689, AL049694, AC005225, AC000026, AC004491, AC004770, Z98750, AC004587, AC004921, Z94721, AC010205, AF073485, AC004257, AL021707, AC005736, AC002364, AC004687, Z97630, AL080317, AC002465, AL035405, AC004858, AC003037, Z98036, AC000003, AC003108, AC005180, AC006117, AL133445, AC004021, AC004526, AC004890, AC005280, U80017, AC002551, AC006075, AP000014, AB023049, AC004882, AC005839,

1621	HCQDG08	876830	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1063 of SEQ ID NO:1621, b is an integer of 15 to 1077, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1621, and where b is greater than or equal to a + 14.</p>	<p>AC008040, U91323, AC003025, AC004851, AC005944, AL049569, AC005512, AC008033, AC004167, AL049709, AC005546, AC002073, U96629</p> <p>AI174828, AI300532, AW301004, AW247121, AW184021, AA702640, AI291396, AI245914, AI033187, AA911317, AA017031, AA908694, AI017594, AA826532, AI002533, AI357704, AI033267, R83870, AI268718, R83871, H92338, H52695, T29050, AI651192, W26286, H92737, H68163, M76180, M88700, M74029, M84601, M84592, M84590, M84591, M84588</p>
1622	HE8BX38	876831	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2363 of SEQ ID NO:1622, b is an integer of 15 to 2377, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1622, and where b is greater than or equal to a + 14.</p>	<p>AI870000, AA150252, AI818389, AL037804, AW069455, AA452480, W30731, AI498817, W07047, AL036760, AA044764, AW022281, AI129268, W67847, AI032084, AI032081, AI150677, AW338118, AW067848, AW149812, AI336313, AA700790, AA826256, AA931652, AI139518, AI359798, W94966, W17308, AA902723, AA662948, N21313, AA532767, N36278, W75997, AI970175, AI056480, AA741357, AI148372, AA044727, AA121421, AI089380, W17302, AI042150, N52985, N67294, W68682, AW449003, AI270317, AA121268, AW183001, W68776, AI419420, AI356058, AI349330, AI336371, AI359448, H99951, AI989381, AI131425, R80714, AI147483, AI311537, AA150261, N31548, AA885103, AI418180, AA709414, AI141649, AW338638, N55437, AA001935, N78914, N98212, AI052219, AI367635, AI862034, W76647, R79546, AA780884, AI187177, AI333805, AA045312, N24823, W74064, AI623918, N76810, W93372, AI033256, H50726, H15534, AI349421, H15591, D56381, W67788, W63753, N31248, W61122, AA045418, W69374, W69375, W70299, D56097,</p>

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I79595, AF002985, AF100781, AL050172, AL110197,

1623	HMVCR68	876836	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1244 of SEQ ID NO:1623, b is an integer of 15 to 1258, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1623, and where b is greater than or equal to a + 14.</p>	<p>AF106697, U68387, X01775, AF139373, AL137665, X06146, X96540, S61953, A86558, A41575, X00474, AL133080, AF076633, AF159615, AF080622, U37359, AL050146, U73682, AR068753, AL122093, AL133112, AL133665, L04859, I29004, X66417, AL133559, AB019565, A12558, AF113019, AF100931, Y16645, U70981, Y11254, AL122050</p>
1624	HFCAl79	876837	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2455 of SEQ ID NO:1624, b is an integer of 15 to 2469, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1624, and where b is greater than or equal to a + 14.</p>	<p>AI761567, AI149359, AI401619, AA740595, AA588565, AA424137, AI299200, AI143920, AA021117, AI913301, AW151208, AA425305, N47966, AI436446, AI685061, AF052498, AW081049, AW084051, AA451690, AW182326, AI332899, AA169542, AA169443, AA954593, AA042910, AA455865, AA149424, AI432492, AA460942, N47904, AA319689, AI377265, AA042923, AA461248, H20482, AI702363, AI371418, H85541, AW351484, AA151489, AI955508, AA385706, D79614, AA369939, AA834737, AW175964, H50494, AI291715, AI418716, AA861788, AW339974, AA369940, H87923, AA452637, AB033080, D42138, AF011794</p>
1625	HBIOH43	876842	<p>Preferably excluded from the</p>	<p>AL048933, AI271440, AI092964, AI741387, AI760926, AI333315, AI680148, AA889492, AW190196, AW365955, AL048932, AI416991, AI923885, AI445890, AI138940, AI687147, AW365982, AI082757, AA280201, AI559407, AA553490, AW079043, AW001900, AW027109, N25109, AW365942, AI079486, AW451587, AI566301, AI623964, AI032887, AW365973, H22632, AI498456, AI270190, AW023890, AW137893, N40556, H47810, AI336798, H52365, AI933592, AA371581, H52364, AA904952, H22633, AA338820, AI537552, R16961, T82008, H96979, AI565231, AA377237, T81883, T71558, R16906, C01340, AI761493, AA280380, N46600, H48145, AW021702, AA887860, AA377236, T71263, H42623, T71208, AC004849</p>

1626	HOEMJ36	876856	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1267 of SEQ ID NO:1625, b is an integer of 15 to 1281, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1625, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1341 of SEQ ID NO:1626, b is an integer of 15 to 1355, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1626, and where b is greater than or equal to a + 14.</p>	<p>W23148, AA369128, Z99916</p> <p>AA910951, AA843679, AI348072, AI125272, AI042167, AA845606, AW129714, AI9227609, AA868244, AI978910, AI525551, W06825, AA843914, AA779705, AW130928, W61040, W91932, AI831445, AW247636, AA186566, AI359205, AA523378, AI186133, AI160604, AI041480, AI198816, AI378985, AI207388, AA720662, AA181832, AA928300, AA890438, AI688759, AA393736, AA151916, W73728, AI184656, AI473972, AW272617, AA719242, AA890475, AA933747, AA534300, AA987916, AA622766, AI371055, AA878593, AI811357, AI829846, AI246201, AA987453, N21142, AA191541, AI345998, AI142485, AA307417, AA393794, AA102496, AA934733, AW082787, AW362863, W96444, AI343759, AW073775, N26594, AI624204, AI075412, W73785, AA706402, AI075444, AA312077, AW370975, AI304681, AA305477, AW370958, AI339961, AA988926, AI798191, H96572, AI631255, AA916632, N21361, AA393864, AI242708, AI186143, AI344381, AI002050, AA829718, AA666025, AI301839, N31157, T51961, W96541, AI186650, AA450264, N70868, AA189020, W35262, AI335966, AA868435, AI243742, AI718683, AI285022, AW380029, AI708661, W79062, W56704, AA450265, AI203443, AA313952, H05891, AA029676,</p>
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AF061981, AF090896, AL050155, AL137550, A23630,

1627	HWWPZ02	876858	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1174 of SEQ ID NO:1627, b is an integer of 15 to 1188, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1627, and where b is greater than or equal to a + 14.</p>	<p>S78214, D55641, M19658, Y10080, AL133637, AL049339, AF097996, AF038847, AF141289, AF118092, X52128, AL110221, AL050149, S83440, AL137660, Y07905, AB029065, U88966, S75997, AB016226, AF100931, AF113677, AL117463, AF001215, AL049314, Z72491</p> <p>AW043824, AI094162, AI150332, AW152394, AI363370, AI340929, AW341579, AA904074, AI015843, AI039705, AI192155, AI338344, AI038188, AI144479, AA922221, AA804396, AA768639, H29728, AA256891, AA708611, H29729, AA902548, AA641864, AA256375, AA310759, AL038838, AL038983, AA641863, AL037727, AL038532, AI142134, AW316536, AA654177, AL038822, AL043814, AL043923, AL043845, AL040617, AL044186, AL041238, AL047012, AL041577, AL041459, AL044064, AL040294, AL041635, AL044037, AL047170, AL040463, AL040768, AL046850, AL045753, AL041752, AL045684, AL040625, AL047219, AL040052, AL043570, AL043848, AL041374, AL043627, AL041523, AL041730, AL044074, AL041602, AL043492, AL040839, AL043677, AL040472, AL043467, AL040510, AL042135, AL043538, AL047183, AL040464, AL045671, AL046442, AL040621, AL046994, AL040444, AL041133, AL039316, AL041324, AL046392, AL046914, AL040322, AL044258, AL044272, AL040119, AL041098, AL041096, AL045817, AL040148, AL045920, AL049018, AL047057, AL044199, AL044187, AL040458, AL041163, AL040576, AL041955, AL045990, AL041292, AL041358, AL040332, AL041142, AL041346, AL040529, AL041159, AL044274, AL037436, AL041168, AL040745, AL046330, AL041197, AL040128, AL040571, AL042096, AL047036, AL040342,</p>
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I15353, AB025273, AR051957, I18302, Y09813,
AJ238010, X81969, I19525, AR066494, M20328,
X13697, J04205, X69804, X97869, AR035974,
AR035976, AR035978, A70872, D13509, E17098,
X14684, AJ231028, I66495, I66494, A22734,
AR022273, X91336, AJ230867, AJ230845, A70869,
I36244, A29109, A32111, AR051864, D17247,
A93923, AR051865, A06631, S60422, A83642,
A83643, AJ231011, I66488, I66489, I66490,

1628	HLTAZ90	876865	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1375 of SEQ ID NO:1628, b is an integer of 15 to 1389, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1628, and where b is greater than or equal to a + 14.</p>	<p>I66491, I66492, I66493, I66481, A83151, A93916, AR063812, AR028564, A24548, A24546, Y14219, A93931, I05845, X91337, AC005541, AA971815, AI032717</p> <p>AA873435, AA600839, AI768313, AI146480, AW058474, AA773760, AA902399, AI815095, W07335, AI936013, AI887319, AW247888, AI290267, AI949176, AI140850, AI383970, AA478888, AI335758, AA455467, AI131375, AA446062, AI375904, AW273478, AI569525, W92189, AI080606, AA446800, AI922678, W48604, AI669705, AI088017, AI079611, AI357729, W94886, AA778027, AI420677, AA662489, AA199802, AA199694, N99008, AA455466, W48605, AA737911, N22398, AI097343, R69048, AW079086, W81498, AA478769, AA602304, AA770587, AA568808, AI983493, AA903872, AI718164, AA577394, AA658448, AA579036, AA814776, AI687665, AI275990, AI127693, AI040179, H06586, AI188614, AI383744, AI160662, T16066, AW162694, AI209061, AI948507, AA432116, AA429907, AI571660, AA577605, AI926880, AI949479, AI991410, AW002319, W79730, AI675994, AI659734, N75810, AA999862, AA417649, AA582611, AI400342, AA749354, AA923020, AI537750, AI579976, AA953148, AI915035, N69819, AA256988, AA419605, AA133662, AI433790, AA193288, AA773001, W21280, AI470356, AI207126, AA470409, AA806422, T94567, AA074998, AI432068, AA725585, AA757124, N75636, T07950, AW265105, T07544, AI611358, AI954778, R50657, H06531, T27805, AI220764, W81497, H00562, AI120252, N80002, AA682966, AI440285, H12517, AA492209, AI784270, AA361222, AI915044, AI524835, T59434, AA035575, AA364008, D12231, AI702267, AA482915, AI420160, AA482927, AA501348, T94257, AA641987, AA369109, AA482933, AI932950, R29196, D12095, AA343259, AA588441,</p>
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1629	HHFUM32	876866	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 607 of SEQ ID NO:1629, b is an integer of 15 to 621, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1629, and where b is greater than or equal to a + 14.</p>	<p>T09050, AI239988, AI572155, T33940, AI917677, AA035065, AI915005, D57719, AA490946, AA635076, AA491134, AA659260, R15055, T59489, M78942, AW361295, AA534940, AW262956, AA629172, AA902888, AA736627, T09051, AA491132, AI557731, AC004081, AC007666, AC000052, AC004019, AF055664, L08069, DI3388, U53922, AA446079, AA429922</p> <p>AA525015, AI097213, AI186110, AI205864, AI460279, AA454512, AW003859, AI143331, AI305240, AI337532, AI279156, AI333362, AA770652, AA483013, AA846308, AI024319, AI380066, AI184498, AI204185, AI332737, AI025452, AA701068, AW298191, AA314391, AA780879, AI204046, AA722950, AA903838, AI368078, AI073640, AA010086, AA911716, AA948332, AI188877, N45102, AI094300, W52409, AI311092, AA622052, AI302571, AI369905, AI660241, AI138619, H48026, H41034, AI749308, N76689, AI354731, N31297, AI141562, AI347212, AI191310, AI092132, AA875920, AI346333, AI344362, AI186141, AI184174, N50933, AA854247, W32499, H93326, AA740175, AA765339, AA886065, AI718470, N54609, F32533, AA229525, AA604454, AA995306, R97891, AA854498, AA688403, H48027, AI312692, N46264, AI027037, AI192124, W77745, AA629102, AA975984, W05153, N45023, R68274, H57270, AI355659, AI192244, AA722963, N22908, AA046489, AA362565, W99330, AA075564, H18704, H18336, AA483751, AA024768, AI904485, R94597, AA887933, H41035, H23703, N84980, N69892, AA311757, H18805, F36632, R26083, AA046701, AI702033, H18369, AA327843, AA299086, F33066, R68309, W52410, AA877022, AA643367, AA079015, AA339134, AA641985, H26911, H57271, W99372, R96486, AA339947, W02163, AI220631, W05365,</p>
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1630	HHFAB62	876870			<p>AA772749, H93830, F26046, H58286, R94598, H28518, H23704, AA083351, AA075559, AA296237, N46263, AA352775, AA024767, F33965, AI557901, F24493, AA216428, F28514, AI750084, W72101, N98865, AI342158, R47744, AW2655596, AA083549, R50391, AA083447, AA659764, AA302180, W31292, AA041272, C00512, AA709422, F18524, AL080089, D13118, X69907, X69904, X05218, D13123, L19737, M16453, T80797, T81201, H27411, R97890, N41011, N52542, N78879, N93425, N95193, W24594, AA079016, AA887623, AA216270</p> <p>AA346386, AW300186, AW364750, AW364745, AW374001, AW364749, AW373998, AL046035, AW373994, AW364756, AW373996, AW373989, D79991</p>
1631	HWLWJ70	876873		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1144 of SEQ ID NO:1630, b is an integer of 15 to 1158, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1630, and where b is greater than or equal to a + 14.</p>	<p>AA527360, AW051577, AA757918, AI590246, AA482382, AA417897, AA834979, T33217, AI933007, AA886393, AI242582, AA912932, AA552566, AA026889, H12586, AA770351, AI122821, Z45211, AA810545, AA089741, AA026890, AW235276, AA442516, AI081311</p>
1632	HCRPV85	876876		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 665 of SEQ ID NO:1631, b is an integer of 15 to 679, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1631, and where b is greater than or equal to a + 14.</p>	<p>AI138310, AA579608, AL080041, AA150112,</p>

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4587 of SEQ ID NO:1632, b is an integer of 15 to 4601, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1632, and where b is greater than or equal to a + 14.</p>	<p>AI914754, AA310336, AW139942, AI669978, AA150453, N21199, AW337765, W60839, AA007492, AI245978, AW340469, H39087, AI857928, AW402945, AI857929, AA884547, AW044377, AA708593, H06461, AI554400, AA806848, AA292984, AA281307, D53188, AI074110, AI359733, H37969, AA911725, AA194095, AA757126, AA815284, AW166409, AI362093, AA258691, AW386068, AA614128, AI937918, AI218676, AA429422, AI361580, AA156587, AA931474, N27470, AA313613, N31349, AA936569, AA007448, W69685, D52529, AA171394, AW367949, AA150166, W47135, AA428365, D53165, AI253039, AA937690, AI752560, AA312520, AI039854, AI282901, AA884648, AI094728, AI201298, AI273365, AI346383, AI421258, AI310120, AI361451, AI285056, AA040411, AA789206, N88385, AI418521, AI973164, AA227133, N99005, AL038896, AW362878, AW403348, W24127, AL119637, AI016520, AA541481, AA309620, AA150397, AA306805, AI400189, AA284235, H51237, AA331743, AW023315, R67309, AA373361, AA156654, AA730527, D57421, AL045286, N92003, W69686, AA332449, AI368439, AA281258, AA040303, H63313, AA359717, AW362873, R74438, AA770542, H06565, AA363548, AI339537, AI023267, AA884006, D58110, AA922473, W60840, D58261, AI346133, AA722328, AW207758, AI753879, H06510, AA853720, AA332495, AA999738, AA331529, AW151651, D52528, AW391062, AA330258, Z45721, AA626164, AW390953, AA484242, AA382542, AW090257, D79754, AA227234, AA355615, D56466, AA313395, AA382088, AA169821, AI873035, R74343, AA354337, D53067, D53164, AW386086, AI749497, AW021983, H68127, AI149688, AA365933, H11545, R26679, R36441, AA705035, AI799252, AW403752, T30044, T85823, AA359673, R57470, R25867, Z42383, D53068, N71806, D53095, C03662,</p>
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1633	HCE3V58	876878	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 362 of SEQ ID NO:1633, b is an integer of 15 to 376, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1633, and where b is greater than or equal to a + 14.</p>	AA263144, AA111835, D81554, T83223, AA910604, AI056722, N21394, AA354104, AW270594, AI571557, N63858, AA503313, F23396, AI973191, AI590666, AA290658, R60888, AA382087, AA677495, AA290659, AL037148, X74262, X71810, U35141, AF097750, AE000658, U85195, AC005277, AA045875, AA398311, AA703653, AA853719 AW301835, AI308020, AI860966, AA134268, AA878213, AA694197, AA088689, AA133904, AI285166, AA133903, AA302740, F26419, AA582580, F35821, H90906
1634	HKGBE11	876882	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3629 of SEQ ID NO:1634, b is an integer of 15 to 3643, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1634, and where b is greater than or equal to a + 14.</p>	AI524051, AW007724, AI609303, AI560001, AI401617, AI936772, AI735659, AI249001, AW021551, AI247535, AA889466, AI770052, AA856594, AI923848, AI393945, AI963008, AW007900, AI802150, AW246695, AI589917, AI186661, AI680189, AW058621, AW081918, AW248728, AI160059, AA128006, AA812522, AI191795, AI128436, AI274108, AA909840, AA405642, H99041, AI015928, AA931655, AI262534, AW026999, AI423370, AA453200, AA131241, AA579953, AA702093, AI026873, AI161187, AA455704, AA455317, AI373875, AI359209, AW020484, AI204219, AI475739, AI125919, AI306480, AI123115, AI075685, AI183377, AI093279, AW137484, AA915929, AA745983, AW168028, AI191687, AI659743, AI346563, AI923367, AI472034, AI370998, AW169284,

AI690264, AI356799, AI298090, AA847328,
AI143203, AI573004, AA526151, AA701656,
AL036355, AA398429, AA781758, AI248617,
AA972778, AI120931, AA813433, AW364708,
AI625940, AA975860, AI051123, H18709, AI624093,
AW005429, N68529, AI299217, AI149399, AA988712,
AI355692, AA886616, N90938, AW373562, AA687849,
AI583218, AI566456, AI167133, H27061, AI355703,
AA757226, AA781558, AI086933, AI097546,
AI811692, AI375753, N91144, AI342620, AA126641,
AI421652, AW131426, W32307, N33217, AA888625,
W04345, AI348671, W17386, AA804381, AA305682,
AW016631, AA291227, W68759, AI004166, AA427526,
AA454983, AA479068, AI298478, AA732854,
AI080704, W68454, AI084772, AW084472, AA479223,
N27564, AI184963, AA505251, AI022978, D53877,
AA126497, D52932, AA828985, AW193312, AI073734,
AI245609, AA454161, AI589126, AI690281, N92279,
AA745905, AW057830, AA467899, AA938231,
AI187073, AA130568, AA610387, AA128029,
AA761970, AI890992, AA847408, N47754, N41931,
AI750050, AA456530, AA971614, AF139790,
AI435647, AA837736, AI017762, AA828994,
AA618297, AA614659, AA788753, AA601557,
AI682609, AA454984, AW168929, AA678000,
AA708844, AA151101, AW152083, AA143003, W42712,
N66889, AI298694, W17235, AI348194, H97544,
AA036731, AI902984, H18598, N89744, AI435894,
R69930, AA535636, D62527, AA514269, AI720059,
AI433476, AI248821, AI245176, AA403052,
AI263846, AA150090, W17187, W16652, AA962557,
AA031722, AA089961, AI287545, T75133, R75976,
AA968981, AI245198, AI814870, AA894619, D54851,
AA447055, AA701210, AA578436, AA150159,
AA467843, D53769, N22090, D52639, T28569,
AA889910, D56802, AI890986, C01613, H88627,

1635	HRAEG13	876886	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4037 of SEQ ID NO:1635, b is an integer of 15 to 4051, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1635, and where b is greater than or equal to a + 14.</p>	<p>AI267864, H46858, AI075972, AI242237, AI185100, AI272966, H39601, H88628, AA968979, W19238, AI784586, R07700, H03189, AA211540, AA131165, AC004520, M29065, M29064, AF073993, AF192348, D28877, U09123, L02954, L02955, U09122, AJ009300, U09121, A74625, A74773, AF169290, AF211856, R10578, R10579, R12625, R20526, R22887, R23576, R25216, R27302, R32649, R33333, R33334, R52479, R20526, R66241, R69882, R76807, H03988, H04178, N34507, N40385, N74179, N74343, N75875, N93493, W00725, W02101, W04813, W04852, W05055, W17019, W20426, W24457, W25432, W42905, W81443, N90151, AA036938, AA167390, AA483158, AA632646, AA765452, AA808476, AA888709, AA935276, C02214, C04584, R29188, AA089571, AA092059, AA211492, AA216333, Z20376, AA703571, AA844237, AA889282, AI032462, AI051314, AI084281, D20533, T24609, F01310, F12801, F11075</p>
				<p>AL079429, AL079428, AI962210, AW409971, AW409972, AW362305, AW410672, AI924517, AA406225, AW025356, AA405914, AI951876, AW410671, AI523918, AI890911, AI923197, AW206660, AI569743, N94878, N99556, AW301065, AA405354, AI936512, AW206646, AI872449, AW193338, N63552, AI207878, H29821, AA405693, AI184142, AI287700, AI039152, AA764984, AI347352, AW387060, AW386988, AW387093, AI081389, AA350220, AI148131, AA783037, AI243796, AI277386, AW387033, H69679, AA985309, AI635584, AI372628, AI372627, AA405353, AW408699, AA777168, AA350036, R56710, AW207334, N40073, AA781626, F11487, AA654125, R94204, R56864, R55500, T66335, H92624, AA350276, R81346, AL121276, AA350037, F09706, AI298408, AI873379, R51360, T87412, M78454, AI287710, F12065, H50110, AA351242, N22306, F09146,</p>

1636	HLIBZ07	876888	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1228 of SEQ ID NO:1636, b is an integer of 15 to 1242, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1636, and where b is greater than or equal to a + 14.</p>	AA234354, N26102, N55429, AL120770, AW387043, AA405389, H50154, H43762, AW387110, H72992, AA227365, R79738, R79737, H44600, H70095, R50621, AI184049, R45951, H29909, T66284, AA744978, N71548, H72991, AA368705, AA936885, AI739624, R55499, AW007986, T83200, AI863755, R50454, R50527, T36310, R50455, T85587, T77076, AA936368, H43432, AA464051, T87308, T07160, T78532, AA321966, AW268156, T85586, H43431, P26601, N40316, AI832126, AI372626, AW376436, N54476, R81601, R51465, R94300, AW367002, AA324819, N76802, AW073570, AI654772, AI473579, AA555237, AW102939, T77381, AA548001, AI985527, N76587, F35806, H92406, AW366992, AA302603, AW367067, AI937249, AW389336, AA862606, AB032950, AF128625, AF021936 AA946784, AW375919, AA527581, AA904758, AA209387, AA563949, AI833239, AA740268, AA527668, AW372169, AA948567, AA894539, AI745625, AA468774, AA725505, AW376020, AA164354, AA946619, AI348033, AA594622, AA453342, AW160477, AA937588, AA862503, AW375573, AI189061, AA988737, AW162844, AA588618, AW363501, AW375476, AA677897, AI310309, AI123763, H59915, AW161438, AW160982, AW160317, AI907434, AA780152, AW363508, AA526226, AW295010, AW176047, AI472327, T65562, AI005477, AA349978, AA928712, T08552, AA610643, AA307984, AA385290, AI905918, AA211030, AA349672, T65630, F12026, AA434132, AW365033, AA338674, AA453217, AA384272, AA339261, AA367135, T03912, R78158, AA367413, AA357314, H27129, R91610, AI766762, D51350, AA308647, D55070, AI214104, AW176070, R96738, AA343589, T03852, AA384370, AW264753, AW376759, AW376799, AA340742, AW363574, AW372990, AL048628,
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1637	HDPFB46	876890	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2110 of SEQ ID NO:1637, b is an integer of 15 to 2124, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1637, and where b is greater than or equal to a + 14.</p>	<p>AW376653, AA362098, D54438, AI905702, AA300134, AA747175, F09672, AA384504, AA233381, AI870184, T79091, AA367166, T84398, AA451673, H25082, R45919, S75311, AR037563, L33930, D87667, X69397, Y14692</p> <p>AI718712, AW444886, AI983059, AL135147, AI085966, W07327, AI492267, AI360984, AA564235, AA573268, AA406085, AI678761, AA577144, AI091819, AA297803, AI289839, AA037033, AA804950, AA533437, AI242554, AI223449, AA410390, AA644395, AI216720, AW005660, R77919, AA878891, AI468125, N51728, R32385, N25411, AA256925, AI811527, AI142611, AA954723, AA256501, AA317506, W52143, AA421853, AI623878, AA932178, R78020, AI089059, R32384, AI242914, T81104, F34121, AI468126, F25882, N75820, AI335792, F35752, F18999, AI984724, AW305237, AI345730, AW268284, AW166690, AI349242, AW086410, AW272065, AI310836, AI345115, AI223675, AI308339, AI312490, AI252159, AI345249, AI307405, AI580578, AI252423, AI252373, AI349681, AI252335, AI250483, AI252345, AI583501, AI583500, AW302935, AI583889, AW303168, AI348995, AI349742, AI309420, AW269095, AI336494, AI335439, AI349287, AI306795, AW274358, AI349945, AI252286, A58884, L40823, U06846, AR051950, L40817, L44140, X87196, X74606, X90393</p> <p>AI129800, AW027959, AI927949, H92980, AI650270, AI708393, AI138076, AA524072, AI831594, AA749139, AI926721, AI399955, AI302816, AA262795, AI862160, AI093249, AA828301, AI625105, AA904444, AA72552, AI816834, AI084565, AA314418, N30447, AI242763, AI810709, AI653617, AI129801, AA443839, AI289975, AA281653, N25206, AI758575, AA026905, AA737455,</p>
1638	HDPSS23	876892	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1421 of SEQ ID NO:1638, b is an integer of 15 to 1435, where both a and b</p>	

		correspond to the positions of nucleotide residues shown in SEQ ID NO:1638, and where b is greater than or equal to a + 14.	AI474418, AI619613, AA039864, AW000990, AA039860, AA291708, H86861, AI032004, AA452814, AW084297, R97735, AI640264, AA336497, AW080103, AA026904, AI052445, H73499, N54837, R92739, H73311, AA040230, AI311105, C21440, AA338774, H94209, N69415, N91446, R76435, AW029069, R96804, AA281785, AA680378, T18545, AA338773, T10789, AA610255, AA568204, AA570740, AA483606, T47138, AW151018, AI355246, AI445373, AI915081, AA219349, AA664126, AA582746, AW275432, AA558404, AA837771, AA214453, AA857812, T94394, AA482792, AI249688, AI567391, AA630854, AA683069, R67701, AA515939, AA425924, R77139, AW069227, AA714073, AA297006, AI285493, AI298079, R79929, F35097, AI634377, AI791659, AW104163, AI671077, AL048060, AA809186, AA831408, F35684, AW084967, AA523695, AI962030, AA846923, AA533040, F24745, AI889579, AA102737, AI185394, AA491767, N51636, AI538236, AA558366, AI880761, AI735092, AA376358, AW272815, F23338, F31066, F37059, AA612578, AA668587, R79255, AA196552, R93919, AW075729, AI433131, T71936, AW419389, AA632556, AI634187, AA302978, AI457313, AI620992, AI358542, AA769141, AA342238, AA583386, AI312090, AI049630, U91323, AC004686, AL080245, AL035587, AC002073, Z81357, AC007993, AP000113, AP000045, AL049748, AC010582, AC005778, AC004797, AL021939, AC005702, Z82901, AC007774, AP000030, AL008718, AP000250, AC004232, AC004079, AC006344, AC005759, AC002365, AC007193, Y07848, AC004598, AL096701, AC002565, AC005799, Z73900, AC007390, AL031721, Z93016, AL118497, AC006501, AC007566, AC005740, AF067844, AC005011, AC006077, AC000064, AP000133, AP000211, AC004859, AC006333, AC007179, AC000025, AL049776,
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	AC005527, AC003688, AP000346, AC005412, AL050318, AC005225, Z84488, AL020995, AL031186, AC002381, AC005057, AC005231, AF045555, AP000300, D88270, AC004485, AC005207, U91326, AC007917, AC000003, AC002544, AC004816, U03115, AC004253, AL035249, AL078593, AL049869, I34294, AC006530, AC005668, AF128525, AC005695, AC005529, AL034417, AC005291, AL031005, AC005184, AC005072, AL023879, AP000689, AC005519, AC004551, Z83838, AL031295, AC003029, AL035458, AC003690, AC003957, AF030876, AC004655, AC007425, AC004964, AL022721, AL096791, AP000547, AL022318, AP000255, Z82976, AL049576, AF196972, AC005924, Z99716, AC002395, AC004383, AC004881, AC002288, AC004522, AC004828, AF031078, AP001039, AL031311, AC005015, AL023807, AL049553, U62293, AP000502, AC005081, AC007055, AC007537, AC007738, AC002350, AC002504, AL135879, AL121790, AF207550, AC004386, AC000353, AL031230, AC005071, AC002115, AC005756, AC002072, AL023575, U66060, AP000213, AP000345, AC007227, AC007075, AL031587, AF184110, AC005409, AL133448, AL080243, U91319, AC006960, AL034420, AP000135, AL121652, AC005480, AC006571, AC006312, AC000035, AC007565, AC005726, AC004745, AC004865, AC002551, AC005180, AL031685, AL021920, AL024498, AC004129, AC007563, AP000031, Y10196, AC005609, AC002418, AC007637, U51244, AC004815, AF001548, AC005696, AL135744, Z83847, Z68324, AC004878, AL049729, AL034400, AC005632, AC008012, AC004491, AC008372, AL031297, AC004777, AL031293, AC002984, AL133163, Z97183, AC003692, AC007057, AL024474, AC006961, AL135959, AL035455, AC000111, AC004896, AC008975, Z97056, L44140,

1639	HCEIC29	876901	<p>AL078644, Z94802, AF064861, AC006121, Z98051, AL049610, AF102137, AL008582, AP000555, AC009247, AL049843, AC007899, AC004974, AC007172, AC006120, AC008149, AC004780, AP000355, AL049643, U78027, AC006276, AL035450, AC005089, Z93784, AC005399, AC006430, AC007114, AC002350, AC004587, AL022316, AA261881</p> <p>AA099268, AI676066, AA872993, AI916603, AI686512, AI862396, AW134699, AI768494, AI656235, AI760422, AW340874, AI760767, AA456537, AI950211, AI365227, AA455250, AW019939, AI560709, AI521183, AW269381, AI343443, AW242591, AI862402, AW182833, AA906566, AI825167, AA910881, AI355516, T62487, T62632, H22865, AI470602, H24258, AI910667, T10397, AA319888, AA084251, AA465631, AA084250, T48979, R22512, R22511, R62215, R70206, R74308, H02508, R85869, R92578, R94703, R94783, R99284, H53551, H53550, H57860, H66191, H66190, H68304, H68303, H68633, H68632, H73905, H74097, N29973, N58152, N59546, N78287, N93155, W03816, W39117, W39754, W45221, W72425, W76578, N90187, AA010750, AA011178, AA035374, AA035090, AA044020, AA044195, AA099403, AA099464, AA131818, AA132001, AA181697, AA255734, AA279493, AA459458, AA465677, AA513468, AA610670, AA661647, AA807978, AA931089, AA932324, AA938458, AA947789, AA216163, AA477227, AA477226, AA709315, AA716569, AA774617, AI024245, AI024575, D25921, T16050, Z42876, F02340, AA699770, AI264621, AI268001, AI270489, AI432949, AI419091, AI475199, AI129103, AI139707, AI200420, AI205134</p> <p>AA629925, AI557066, H72652</p>
1640	HE9OY91	876903	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1617 of SEQ ID NO:1639, b is an integer of 15 to 1631, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1639, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a</p>

1641	HFKFN66	876904	nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 839 of SEQ ID NO:1640, b is an integer of 15 to 853, where both a and b correspond to the positions of nucleotide residues-shown in SEQ ID NO:1640, and where b is greater than or equal to a + 14.	AL031433	
1642	HWMFQ16	876905	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1902 of SEQ ID NO:1642, b is an integer of 15 to 1916, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1642, and where b is greater than or equal to a + 14.	AA775776, AI041206, AI884423, AA608631, AA307942, AA602534, AA477709, AA604331, AA610041, AA237053, AI874354, AI922651, AA455372, AA478920, AI861817, AI174744, AA639758, AI803985, AA307739, AI217011, AA242978, AI420956, AI082010, AA290814, N35525, AA397578, W04164, AI740453, H18746, AA457124, AI369854, AW402584, AA250883, AI362747, AW401485, N63084, AI826090, AA969826, AA418085, AI301135, N42604, N32932, AA464471, N44904, AI206819, AA206545, AI264316, AA205363, AA627399, AA908393, AA206909, AA399551, AA386030, AA205036, W07733, AA151195, AA292402, AA723847, AA151196, R68884, AI217962, N62289, R60986, AA019523, AI307617, AA535112, H18659,	

1643	HCRBB01	876909	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1330 of SEQ ID NO:1643, b is an integer of 15 to 1344, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1643, and where b is greater than or equal to a + 14.</p>	AA782617, AW401677, AI9233522, AA148955, AA136448, R61653, AA369942, H45205, AI311834, AW383689, N70126, H78459, AW169009, N77580, AI695617, AW383687, AA383122, T96825, AW383681, AA477710, AW188902, AA148954, AW383686, T36291, AI826948, AI755216, AA628518, AI249697, AA236854, AI064883, AA977383, T35725, AA761981, AA478800, AA588591, AW275155, AA206781, AA610557, AA765404, AA299218, AI274603, AA484614, AA252156, AA394239, N89897, AA418016, AI289322, N35239, T96813, T98004, Z39105, AI347692, AA401922, R68786, AI421701, AA300711, AI984054, AI307367, AI869880, AW003896, AI357580, AI097540, H78257, AA773528, AI933853, N26474, W19451, T96826, AA937255, AA494127, AA456012, AA622190, AA531018, AW264334, AA296375, AW340846, R39778, AW368305, T98082, AW406763, AW389979, T32639, AW389990, AA773673, AA304962, AA233500, AW383537, R58298, C15957, N78713, AA019294, D78788, AW389995, AA402093, D31588, AW366573, AA095078, N87188, N86592, N88113, N88337, N85682, AF078859, AF078868, AL021878, AF090946, U21721, AJ243486 AI345975, AI041822, AI354345, AA845341, AI471536, AA582006, AI264230, AI133028, AI922898, AI826795, AW272874, AI889042, AI749224, AA307941, AW275172, AI926872, AA482539, AI680141, AI734884, AA524591, AW274596, AI336326, AW169351, AI885643, AW269482, AI749219, AI026046, AI143001, AI689406, AI591185, AW361012, AA602933, AI922602, W60954, AI735165, AW377897, AI566471, AI275792, AI814420, AA948377, AI683757, AA862488, AI139188, AI288260, AI277724, AI653978, AI890155, AI934802, AI911644, AI890535, AA228045, AW148951, AI889786,
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	AI804207, AI274877, AI654469, AA987320, AW243847, AA555069, AA860461, AI689372, AA741520, AI937827, AI003581, AI831369, AI281145, AI871203, AI281294, AA855149, AI168130, AW377974, AI084421, AI092091, AI833225, AA505597, AI336527, AA554687, AI167764, AW088401, AW104699, AI150063, AL047161, AI798382, AW083700, AI038771, AW020827, AA928652, AI031884, AA826396, AA492267, AI625287, AI022580, AW270586, AI183695, AI026083, AA508597, AI080205, AI262884, AI073697, AI354660, AA226127, W78208, AA640721, AW149240, AA228005, AA759055, AA992173, AW150128, AA908342, AA554425, AI276333, W74125, AA034485, AA635275, AA639307, AA412053, AA742571, AA303334, AW166455, AA903876, AA173331, AA640905, AI963101, AA602023, AA378134, AW079690, AI934122, AA527819, AW368030, AW081647, AA531295, AA922080, AI050907, AI873602, AA173437, AI273804, AI589932, AI918522, AA916057, AA826837, AA235239, AW089108, AI922253, AI873976, AI885463, AA216394, AA508227, AA890672, AI572298, AA382418, AA341151, AW105574, AI281853, AI886217, AI535908, AA337736, AA837555, AI933527, AA299593, AA301629, AA654205, AI633050, AI553701, AA218783, AA426414, AA366375, AA173738, AI572371, T83429, AA215892, AA385436, W20026, AI684322, AW367106, AW377982, AA146684, T05849, AA828869, N90536, W32260, N93484, AA173705, AI092389, AA650299, D56517, T27681, AA552197, AA225725, AA235238, AI952204, AI720878, AW176624, AW367125, AA146683, AI161032, AA226022, H88875, H88876, AA523823, AA302252, AA301829, W21502, W70311, AA311804, AA729966,

1644	HSAAN15	876912	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1095 of SEQ ID NO:1644, b is an integer of 15 to 1109, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1644, and where b is greater than or equal to a + 14.	<p>AI273789, AA096200, AW377515, AA729962, D20952, AI811103, T84076, X60111, AR016441, I13744, M38690, D10726, AC006057, L35275, M81720, L08115, D30786, AR016440, E05732, X76489, L08125, L08118, U15792, S60490, L08119, L08120, L08122, L08123, L08124, L08121, S60489, S60462, AW295760, AA643028, AI858075, W22593, AI682269, AI819607, AA910344, AA573333, AW406408, AI741854, AI088151, AA481497, AW021995, AA687410, AA826812, H63145, H08408, W07228, AA765739, AA521057, R53520, AA362594, AI584029, AA689386, AA732248, AA970100, AI004471, R44238, AI811208, R53519, AA373512, R49374, H17459, R44200, AA481183, AW207413, AI075435, N66439, AB029003</p>
1645	HTEKS27	876913	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2159 of SEQ ID NO:1645, b is an integer of 15 to 2173, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1645, and where b is greater than or equal to a + 14.	<p>AA758002, AI657156, AI375103, AW021134, AW150836, AI684065, AA678409, AI694321, R17458, N62359, AI655208, AI702778, AI701838, AW043913, AA782285, R54239, AA436083, R59807, AI205974, N79126, AA112078, R35463, L13827, L13824, L13825, R59697, R51845, AI479241, R39382, AA083911, AI635429, L13826, R38307, AW393336, R13143, A61243, L23208, AR051320, AR051322, L30110, L23311, AR051321, L30109, A61247</p>
1646	HWMBAI 0	876920	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1380 of	<p>AI749171, AI660550, AA677676, AA464420, AA284905, AA718994, AI141193, AA481894, AI078424, AA481977, AA703408, AI276556, AI017050, AA502348, AA936362, AA936704, AW131471, F36806, AW273475, AI261777, AI218960, AI218966, AI744229, AI248232, AA452839,</p>

			SEQ ID NO:1646, b is an integer of 15 to 1394, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1646, and where b is greater than or equal to a + 14.	AI277984, AA053718, AI150864, AI140517, AI129769, AI160406, AW152129, AW000750, AI248566, AI805790, AI826304, AI086599, AA020812, AA018986, AA054250, AA019875, AW242786, AI903707, F22534, AI240050, T41072, W96529, AW069782, W68326, AA053858, H37782, AA055112, H83990, AI765563, F31495, AA020811, AI244397, H37923, AA013192, T51835, R50369, AW339481, AI903705, AW194148, AA019902, W68142, AW298469, AW003689, AI860462, AA019913, AW139654, AA383551, AA384419, AA883222, H41086, AI420423, AA021054, H86062, AI735754, R80952, W92479, AA535061, F31376, T40204, C04332, AA019941, AA464476, AW050973, AI560455, AI470969, T51881, AI695746, AA284774, AA855078, AA013427, H38276, W92489, AA412431, AA844626, AW074589, AA919166, H86397, AA906632, F36956, AA018714, AA021006, AA457128, W68469, H83989, AA015696, AW050422, AA402869, AA015660, AA464421, AA454730, AA015659, AA454780, T28267, AA018985, AA018750, AC006449
1647	HCQBO58	876921	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 711 of SEQ ID NO:1647, b is an integer of 15 to 725, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1647, and where b is greater than or equal to a + 14.	AI803478, AA578800, AI760557, AA569728, AI803206, AI199737, AI524625, AA825640, AA937979, AI436327, H83996, AA879427, AW205011, AI284171, AA262130
1648	HWLGQ64	876923	Preferably excluded from the present invention are one or more polynucleotides comprising a	AI743526, AA535976, AA534299, AI245191, AA917952, AI360198, AA189088, AI476640, AI750101, AI151214, AI219288, AI189990,

1649	HCQCV14	876926	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1579 of SEQ ID NO:1648, b is an integer of 15 to 1593, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1648, and where b is greater than or equal to a + 14.</p>	<p>AI127112, AI582665, AI050781, R80366, AA706856, AI581641, AA693998, H01950, AW016083, AW292149, AA915966, AI219588, R07874, R68737, AA531303, AI192934, AI149588, H02159, R78817, T52702, R73741, H45133, R69845, AI832515, R21520, R78816, T46918, R68019, AW025113, R68683, H45436, R80252, R35081, R69003, T52701, AA724770, R80206, AI521622, AW272700, R12585, R80309, R79313, H04450, R78008, AI222696, R79314, R69002, R07933, R69844, R21622, R23749, AA873780, W95082, R35080, T46932, R70944, AW029093, R68018, AI619788, AI582092, T49292, R09945, T46933, AI337719, AA233721, R23802, AA378781, AA917397, AA923057, T49293, AW361573, AI241836, AI261408, U26726, U14631, AF126744, AF126745, U23835, U14128, AF074706, U22424, U27318, S83516, S80133, U27317, S83532</p> <p>AP000529, AP000528</p>
1650	HCROO59	876934	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 558 of SEQ ID NO:1649, b is an integer of 15 to 572, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1649, and where b is greater than or equal to a + 14.</p>	<p>AA376902</p>

1651	HCRPN27	876936	<p>15 to 405, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1650, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 981 of SEQ ID NO:1651, b is an integer of 15 to 995, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1651, and where b is greater than or equal to a + 14.</p>	AA457220, AA354909, AA040828, AI688798
1652	HCRON34	876938	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 622 of SEQ ID NO:1652, b is an integer of 15 to 636, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1652, and where b is greater than or equal to a + 14.</p>	AI634562, AA129701, AA129323, AA129745, AI269483, AI952719, AI656261, AI239764, AI678885, AI873730, N48153, AA904475, AA653518, AI538894, R43961, AI287295, W68609, AI114476, AA973355, AI866872, AA133249, AI681503, AA133292, AI690203, AW271391, D29021, AI186074, AA757303, AA742226, AA737777, D29578, AI825401, AI934240, AA587412, AW051055, AW020046, W68807, D83781
1653	HFKFH50	876940	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1241 of SEQ ID NO:1653, b is an integer of</p>	AA927698, AI300925, AW009795, AA402380, AI830852, AA430318, AI493302, AI142868, AI037989, AI423267, W52884, AA907276, AI333045, AA628712, AA988209, AI363130, AA987992, AA578507, AI298580, AA639466, AA402235, AI052201, AI073629, AA458463, AA564499, N78968, AA534799, AW083734, AA442975, AI074925,

1654	HCRQG66	876941	<p>15 to 1255, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1653, and where b is greater than or equal to a + 14.</p>	AA400276, AA053124, C04884, AA775515, W60092, AA425157, R83528, AA401316, AA676435, D51268, AA359764, H27189, C01185, AA402234, H27190, R37964, W39595, T27801, D55114, R45640, AA146682, AA485712, AI971664, D52799, AA347823, AA485845, AI079236, AW445076, AW444515, AA031677, AA031678, W17355, AA146681, AI739376, AA053511, AA343828, AA035266, AI648529, AI867052, AC004634, AR042382, L17032, L36027, L05489, M93012, X89728, Y15731, AR042385, X67295, L17029, L17030 AW392670, AA581171, Z99396, U46347, AW384394, AW363220, AL119484, AL043003, AL119443, AL119497, AL119444, AW372827, AL119457, AL119319, AL119324, AL119439, AL119483, AL119391, AL119522, U46351, AL119363, AL119355, AL119335, AL119418, U46341, AL036418, AL038837, AL119396, AL119341, U46350, AL134132, U46349, AL037051, AL043147, AL036725, AA631969, AL119496, AL134530, AL134519, AL037205, AL036858, AL036924, AL134531, AL119401, AL134527, AL134528, U46346, AL039074, AL042614, AL134533, AL119399, AL042984, AL042965, AL042975, AL042542, AL042551, AL134538, U46345, AL042544, AL042989, AL043019, AL134542, AL037094, AL038509, AL043029, AL036196, AL042450, AL037085, AL037082, AL037077, AL037526, AL036767, AL037639, AL036190, AL119464, AL038520, AL036268, AL036998, AL036733, AL037027, AL037615, AL036191, AR066494, AR060234, A81671, AR023813, AR064707, AB026436, AR054110, AR069079 AA330056, AA236014, Z98049, AF149770, AC004801
1655	HCROW80	876942	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 504 of SEQ ID NO:1654, b is an integer of 15 to 518, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1654, and where b is greater than or equal to a + 14.</p>	

1656	HLQER45	876943	<p>the general formula of a-b, where a is any integer between 1 to 779 of SEQ ID NO:1655, b is an integer of 15 to 793, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1655, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1048 of SEQ ID NO:1656, b is an integer of 15 to 1062, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1656, and where b is greater than or equal to a + 14.</p>	<p>AI626059, AI626106, AA826765, AI040137, AA643166, AA700884, AA548726, AW361733, AI424257, AI860448, AA580441, AI985034, AI720331, AI720332, AI459935, AW383179, AA308449, AW383230, AW383291, AI304515, AW383110, AW383173, AI084026, AI801735, AA135152, AA588817, AA588576, AW383112, AW383292, AI829153, AW383143, AW016001, AI802779, AW361734, AA129139, AW383175, AI475415, AA834407, AI247812, AI282992, AW376286, AW392915, AA502781, AA053766, AA973594, AW238610, AI860189, AW084925, AA344804, AW363161, AA129138, AW004060, AW363048, AA053663, AI638684, AW024090, AI694258, AA159581, AA345424, AW363163, T72477, AA933684, AA553869, T72849, AA513679, AW352403, AW365132, AW379947, AW363141, AA135289, T70578, AW363162, AW084865, AI680270, X53463, X68314, X91863, X91864, E02175, U62658, D16913, AF099176, AL080126, L24896, AL137292, M30514, AF161699, Y10823, L13297, AL110224, A07588, AR068751, AL117416, AR038969, I17767, X54971, E02914, Y10655, AF061795, AF151685, AL050092, AL137665, AL110280, S63521, AL137548, I89947, I48978, A08913, U57352, I89931, AL080127, S77771, A08912, A08910, A08911, I49625, A08909, AF090943, AF026030, I03321, A03736, AR038854, A18777, A08907, A08908, AL137461, AF017152,</p>
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1657	HWADQ26	876944	<p> A07647, U62966, S76508, I89934, U00763, I09360, A90832, AF016271, AL137267, AL050280, AF159148, AF061943, AF008439, I18355, I34392, AL080162, AL137550, AB007812, AJ001838, AF117959, X76228, AF118064, AL050024, X70685, AF118090, AF141289, AL117583, U87620, U49434, AL137658, AL133568, AL117435, AL049464, AF017437, AR054987, E08631, AL049452, X63410, S75997, S36676, U53505, I52013, AF120268, E15324, AL137558, L31396, U68387, AL137656, AF004162, U80742, L31397, I00734, AF113694, AL133558, AF069506, Y09972, E00617, E00717, E00778, X96540, I29004, X66417, I89944, A70386, U75932, AL133054, A47363, AL050146, AJ012582, AL137521, AF114168, AF145233, AL049339, AL049300, AF113676, AL136842, A08916, AF026816, AF028823, AR034830, I96214, AF036941, AF055917, AF115392, U57715, AJ238278, AF026124, AF158248, AL133637, AF175903, AL133098, AL133557, AL122093, X62773, AF031147, AL049465, AL137276, X97332, AL110171, A92311, AF113019, AL137283, U55017, U92068, AF051325, AF176651, AJ242859, X67688, AL080158, AF205861, AL110225, Y14634, AL117394, A52563, AF106934, AF119358, U91329, AF057300, AF057299, AF115410, AL035458, AL110159, AR020905, AF113690, AF100931, Y10080, AF022813, AL137298, X60786, Y11254, AL049314, E12580, X52128, U86379, AF126488, E01314, Z37987, AL117457, AL050116, AL133016, X99717, AF199027, AF106657, E01614, E13364, AJ012755, M92439, U51587, U01145, AF091084, AL050277, AB026995, AF118070, E12579, X06146, E15582, U77351, S82852, AL137554, AL117585, AL122098, AF000301, AL133062, AL080140, AA523439, AI652347 H72650, AA486265, R36338 </p>
			<p> Preferably excluded from the present invention are one or more </p>

1658	HLJB174	876945	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 598 of SEQ ID NO:1657, b is an integer of 15 to 612, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1657, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 507 of SEQ ID NO:1658, b is an integer of 15 to 521, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1658, and where b is greater than or equal to a + 14.</p>	<p>AI089472, AI201678, AA121121, AI225034, AA040061, AA026978, AW074127, AA588232, R75602, AI381304, AW316739, H96548, AA503627, AI049774, AI560029, AA860916, AI969449, N47791, AI130983, AI139753, T17035, W35381, AA161140, AA398755, Z40924, AI623471, H96500, C02374, AL080013, R48316, R75672, W32995, AI247236, R59185, R40930, AI080393, T32336, AL119457, AL119399, AL119511, AL042544, AL119324, AL043152, AL042382, AL043168, AA503612, AL079794, AI927233, AI538885, AI590686, AI679179, AI431323, AI537837, AI619691, AW029186, AA848053, AI446628, AI824748, AI360195, AI610362, AI679550, AL037081, AI625464, AW150308, AL042866, AI952145, AI476620, AI288285, AI433590, AI613471, AI620868, AI631977, AI583578, AI673785, AI365256, AI524654, AI636309, AI860817, AI472536, AI874243, AI553645, AI802240, AI473652, AW075305, AW103878, AI284515, AW087199, AI500061, AW051088, AI291973, AI828795, AL041928, AW268122, AI571868, AI624529, AI890509, AI867068, AI802542, AI433157, AI648567, AI652162, AI690946, AI554821, AW151136, AW084065, AI539771, AI922561, AI432644, AI584140, AI686817, AI537677,</p>
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	AI494201, AI627909, AI500659, AW089006, AI493559, AI866465, AI459322, AI815232, AI832245, AI801325, AI682891, AI500523, AI538850, AI887775, AI582932, AI872423, AI590043, AI923989, AI284517, AI500706, AI445237, AI491776, AI289791, AW151138, AI678446, AI889189, AI521560, AI500662, AI539800, AI582912, AW172723, AI284509, AL079741, AI889168, AI440263, AW088899, AI866573, AI633493, AI434256, AI866469, AI434242, AI805769, AI554344, AI888661, AI500714, AI284513, AI888118, AI873638, AI285439, AI538342, AI859991, AI436429, AW089275, AI889147, AI623736, AI355779, AI371228, AI581033, AI491710, AI431307, AI440252, AI866786, AW151451, AI610557, AI860003, AI431316, AI242736, AI376376, AI828574, AI887499, AW151979, AI537187, AI539781, AI094489, AI076761, AI539707, AI702065, AI866608, AI963846, AI885949, AI569309, AI633419, AW089557, AI559957, AI285419, AI521571, AI469775, AI866581, AI865320, AI860783, AI567953, AI815150, AW183130, AI446495, AI570966, AI537190, AW193139, AI056694, AW103398, AI355017, AI886594, AI364639, AI610115, AW150457, AW085786, AI636788, AW129230, AW080374, AI300354, AW080379, AI872722, AI567582, AL039456, AW088903, AI610402, AI370812, AI910464, AI963019, AI624693, AL046052, AW162194, AI919593, AL047422, AI440238, AI567971, AI269580, AI539153, AW081383, AI627893, AW080298, AI345477, AI683497, AI500504, AI583065, AI933992, AI582461, H42557, AL117568, Z95126, U77594, Y11587, AB026436, AF090901, AF115392, U49434, AF058921, L10353,

	I03321, AR034821, AL137268, AL137712, AL137658, I09499, AL133049, AL133067, I89947, S83440, E12747, AL137429, AF107847, AL122049, E07108, U78525, AF119337, AF199027, AL110222, AF114170, A18777, I48978, U96683, AF047716, Y14314, AL137550, AL133081, M27260, I66342, X72889, U92992, AL049452, AL122050, AL122100, U36585, AL137463, A21103, AL122106, AL080140, AF065135, AR060234, AL080139, AL137558, A08913, AR038854, AR066494, X62580, Z72491, AF114818, AL133072, A08912, AL137480, A08910, AL137526, I89931, A08909, AL133070, I33392, U42031, AL110221, AL137256, S77771, AF032666, AF078844, AL050015, I49625, A08908, AF031147, AF200464, X72387, AL133619, AL133665, S76508, AL080060, E03348, AF017437, AL133558, E03349, AF159615, A30910, AR000422, AL117460, AL122045, X67813, AL050138, A08915, AF102578, AF057300, AJ005690, AF057299, AL137476, AL050366, I89934, AL137539, AL137488, AF038847, AR019470, AF094480, AF182215, AF113013, AL122110, A65341, AL133080, AL122098, U68233, I92592, E01314, AL023657, AL133077, A52563, AL122123, AL133104, AL133637, AF090886, A65340, AF210052, AL137574, AF090900, A45787, Y08769, I22272, AB019565, AF067790, AR013797, Y16645, AF090943, X79812, U67958, X06146, AL050172, A27171, S79832, AL133113, X66975, AL117435, AL137548, AF022363, AL080163, A08907, E02253, AF118070, AL137271, AJ242859, AF039138, AF039137, AL137660, AL050155, AL137294, Z97214, AC004227, AL117648, AF113019, AF119336, I42402, AF026124, AJ010277, AL096751, AL050393, AF113691, AF179633, AF113690, X66862, S36676, AF067728, AL080154, AF111851, Z13966, Z82022, AF183393, A58545, AL080137, AL133010, AL137555, AF000145, AF008439, AF081195, AR011880, E07361,

1659	HE8TT24	876946	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 873 of SEQ ID NO:1659, b is an integer of 15 to 887, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1659, and where b is greater than or equal to a + 14.</p>	<p>AL035458, AL137300, I00734, A08911, I89944, U75932, AF100931, X66871, U92068, A77033, A77035, A76337, AL133645, AL117626, AL137459, AL133624, AF106697, AL050116, E00617, E00717, E00778, AF030513, A12297, AF106862, I68732, A58524, A58523, A08916, AF002985, AF012536, AF113689, AF215669, X61399, AL080159, AL049460, AL137530, X80340, AL117416, AR059958, AL080234, AF061795, AL117457, AF151685, AF158248, AL137665, AF104032, X96540, M92439, AC004686, AJ001838, L13297, E15582, AL117585, X54971, AF185576, AF026816, E02152, Y10655, Y10823, AF118094, AL137478</p>
1660	HSSJS63	876947	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 833 of SEQ ID NO:1660, b is an integer of 15 to 847, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1660, and where b is greater</p>	<p>AA477859, AI347465, AA741252, AI672808, AA251469, AI275156, H61853, H61854, AA336646, AA676384, AI909660, AA182632, AA082822, AA311433, AA125933, AJ238376, AJ238375, AJ238374, AF161479, AJ238379</p> <p>AI862703, AA612688, AW249954, AI827363, AA610743, AI432650, AI802722, AI239964, AA701945, AA612922, AI361623, N33537, AI301851, AW002136, AI802741, AA176363, AA576449, AA976265, AA766161, AA918580, AA653969, AA148478, AA827535, AA808278, H93495, H62703, T17099, AI972187, N51008, AW195377, N35315, AA468340, AW272194, AA932140, H27698, H18938, AI242349, AI218074, AI915880, AA601068, AI263921, AI925918, T95492, R95678, AA287244, AI916550, AA886254, H26101, AA641272, AI985842,</p>

1661	H2CAA03	876949	than or equal to $a + 14$.	AA284523, T64348, AI709153, AA405410, AA917562, AI625872, AA583805, AA514621, AA402915, AW299786, H28434, H21901, H21407, AI247273, T72816, H59524, T74771, AA931965, H60166, AA148477, AI767616, AI935706, AI640135, T28521, H24592, AA385649, T71664, AA835555, T72815, AI783613, H26143, R29069, L07548, D16307, AC006255, D14524, E04020, D13514, E04019, X68564, AB017196 AI200746, AA306947, AA679811
1662	HCROI77	876952	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 494 of SEQ ID NO:1661, b is an integer of 15 to 508, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1661, and where b is greater than or equal to $a + 14$.	AA631215, AI924992, AW079378, AA988078, AI820581
1663	H2CBW39	876953	Preferably excluded from the present invention are one or more polynucleotides comprising a	AA315245, AB011148, A90836

1664	HHBHM68	876954	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 430 of SEQ ID NO:1663, b is an integer of 15 to 444, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1663, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1265 of SEQ ID NO:1664, b is an integer of 15 to 1279, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1664, and where b is greater than or equal to a + 14.</p>	AI344224, AI343252, AI763340, AI971555, AI524277, AW195633, AW242690, AI949067, AW043627, AI949493, AI831556, AI589614, AA569876, AW118064, AW294645, AW022953, AA806680, AW068609, AA773062, AA461578, AW302627, AI962293, AA661535, AI914032, AI077935, AI350493, AA045227, AI433117, AA304941, AI475606, AI375626, AI307282, AA316518, AA814665, AA805929, AA622783, AW384234, N40708, AI355690, N29617, AA630457, AI671471, AI184753, AA251540, AI769738, AI192362, AI584155, AI040830, AW392440, N62356, AA099428, N48993, N41617, AA058804, AA167231, AA206488, AA167230, R66016, AI143758, AA669452, AA171987, AW028843, AI094496, AI219343, AI928715, AI640579, AA857867, T98791, AA130523, AA101889, AA460290, AA251498, AI868406, AI206342, R66015, AA172303, AA570042, AW401363, AW366605, AW007103, AA657969, AA635112, AA308035, AA373437, AI688532, AW068608, AI671588, D11580, H79250, AA503511, T27591, AA306546, AA330367, AW402028, AI219231, AI913403, AI630129, AA130522, AA344392, AA319396, T98790, N45715, AA569886, J02645, X53689, J02646
1665	HSYBF36	876957	<p>Preferably excluded from the present invention are one or more</p>	AI341667, AA180986, AI341558, AI093197, AA031711, AI694268, AI469856, N63041, N50125,

1666	HWMCE91	876958	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2495 of SEQ ID NO:1665, b is an integer of 15 to 2509, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1665, and where b is greater than or equal to a + 14.</p>	<p>AI478279, AI150599, AI597740, AI985206, AI671591, W72535, AI741942, AA037642, AI962374, AA180865, AA031648, AI800796, AA436065, AA129939, AA002265, AI074205, AI056532, AI656721, AI275143, AI337739, AW172525, W00519, AA446926, AA043021, AA830493, AI655558, AI769027, AA443349, AI095056, AA917703, W93307, AA526333, AI689128, AA777090, AW002829, AA101851, AW139517, AI128702, AI276137, AA873711, N98234, W76109, AI631104, AA856832, W92810, AA042939, H87505, AA129938, AI688779, AA693329, AI676108, T87624, AA570072, AA037641, AI186390, T74071, AA031685, AA037500, R82703, AA037234, AW380430, AA985191, R82654, H87506, AA938640, AI926907, AI916503, AI696069, AW140052, AA102060, F12449, AI671894, AW057528, AI695458, AA046964, AA725452, AI968837, AA917824, AA054749, F10070, AA917678, AA683581, AA937814, AI932475, AI984598, AA046963, AA053281, AI801723, AI499751, AA085888, AA031686, AI074981, AI279953, AI809560, AF038662, AB024436, AF022367, AF142672, AA890722, AI695176, AI223269, W15428, AI678286, AW449557, AI344351, AW129566, AW083717</p>
1667	HUVFJ36	876959	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 407 of SEQ ID NO:1666, b is an integer of 15 to 421, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1666, and where b is greater than or equal to a + 14.</p>	<p>AI923735</p>

1668	HLYBU84	876961	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 511 of SEQ ID NO:1667, b is an integer of 15 to 525, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1667, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1335 of SEQ ID NO:1668, b is an integer of 15 to 1349, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1668, and where b is greater than or equal to a + 14.</p>	<p>AW007548, AW369750, AI908457, AI630915, AW365081, AI817246, AI686944, AW162565, AA534893, AA033782, AA599322, AI096489, AA621824, AA176242, AA483552, AA588407, AI862878, AA427425, AA613885, AA412220, AA243477, W94878, AI460031, N95605, AA470032, AA677651, AI148140, AA902530, AA577431, AA523380, AI434640, AW026082, AI573043, AI129794, AW009274, AA554102, AA700766, AW292794, AI673429, AW160961, AW026393, AW272201, AA156869, AA075534, AI802460, AA643550, AA075634, AI086037, AI434128, AA432191, AI934640, AA936148, AA832390, AA043287, AI075001, AW009314, AA830134, AA769386, AI370761, AA075581, AA603666, AW337458, AA553892, AW380901, R36977, AI301698, AI613297, AA431171, AW190498, F36773, AA176143, AA961812, AA075591, AI201445, AA034038, AI355815, W93408, AA417790, R37629, AI538237, AA190514, R33090, AW087224, AA191034, H29313, AW057939, AI792731, AI384050, AA306868, AI016135, AI015828, T15760, R07498, AI587586, AA043626, AI034090, R00242, AA083325, AA553691, AI383781, F21581, AA156870, AA311197, F01230, AA316341, AA417694, W25045, AI147345, AI418700, AI202543, AA319535, AA933690, R07551, T60037,</p>
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1669	HWLMK6 5	876963	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 472 of SEQ ID NO:1669, b is an integer of 15 to 486, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1669, and where b is greater than or equal to a + 14.</p>	<p>AA376766, D19678, AA311196, AA196806, H01342, F30880, AA629750, F33909, AA243536, R00351, AA302201, AA524118, W28836, AA281519, R33180, AA719927, R76589, AA083438, AA911141, AA494408, AA034119, AA295285, T23201, AI984875, AA156979, AI142352, AI971194, AI762052, AI174475, AW026079, H01393, R76588, AI086242, AA777753, AA258556, AA782087, AI651923, AI306436, AA946836, AA946830, AW139820, AA946595, AA973780, AA761539, AI088083, AA741308, AA968972, AA865328, T86736, AA459999, AA701556, AI188245, AI188276, AI000875, AA599243, N32426, AI023878, AW027063, AI088920, AI193846, AA126805, AI800579, U20272, D32257, U14134, AC004739, AC006045</p>
1670	HWLPY93	876964	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1943 of SEQ ID NO:1670, b is an integer of 15 to 1957, where both a and b correspond to the positions of</p>	<p>T86558, R74597, AA495751, AI204352, N56848, AI242056, W20015, AA460093, AA307386, AA700368, AA693860, R97459, AI806458, R97416, AA164861, AI241618, AA235676, AA362800, AA203578, AA203546, AA704439, AI862463, N35933, N45430, AI239984, AI375890, AI393761, AI378188, N35287</p> <p>AI433785, AI379875, AA403186, AW069343, AI129895, AW069233, AA534411, AA181432, AA032182, AI935567, AI376398, AI089572, AI452747, AI803472, AA447447, AA236374, AA128133, AA477274, AI038660, AA477275, AI002572, AA233880, AA447446, AA181371, AW130668, AI769036, C03202, AI277470, W07713, AA715421, AA126867, AI680552, AA404675, AA126195, C04150, F30780, AA235347, AA192944,</p>

1671	HWMBV3 7	876965	nucleotide residues shown in SEQ ID NO:1670, and where b is greater than or equal to a + 14.	AA421799, AA024985, N80591, D79794, F37772, AA127217, AA027110, Z36263, AI925660, F35592, AW263312, AI139845, AA247376, AI038015, AI128210, AA193137, AL119598, AA249326, AA629114, F31719, AA232826, AA729266, AI193315, AA249762, AW373642, AW373769, AI375939, AI383560, T29636, AW391401, AF114264, AF056035, AF056034, S67069 W05557, AA278474, AA485179
1672	HCDME16	876966	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 801 of SEQ ID NO:1671, b is an integer of 15 to 815, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1671, and where b is greater than or equal to a + 14.	AI380296, AW206501, AI393559, AI369479, AI362907, AI125368, AW272471, AW136950, AW273903, U46350, U46345, AF166331, M60329, AJ272227, X86395, X86396
1673	HCRQM25	876967	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	Z46094

1674	HWMBV7 2		the general formula of a-b, where a is any integer between 1 to 577 of SEQ ID NO:1673, b is an integer of 15 to 591, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1673, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 602 of SEQ ID NO:1674, b is an integer of 15 to 616, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1674, and where b is greater than or equal to a + 14.	AA863064, AI637610, AA075674, AA075545, AA206591
1675	HCRQK24	876969	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 653 of SEQ ID NO:1675, b is an integer of 15 to 667, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1675, and where b is greater than or equal to a + 14.	AI032744, Z60017
1676	HWLOK80	876971	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by	AA694142, AA815120, AA749173, AI005429

1677	HNTBD04	876975	<p>the general formula of a-b, where a is any integer between 1 to 817 of SEQ ID NO:1676, b is an integer of 15 to 831, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1676, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1305 of SEQ ID NO:1677, b is an integer of 15 to 1319, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1677, and where b is greater than or equal to a + 14.</p>	<p>AI379864, AI081896, AW131833, AW170478, AI806491, AI378805, AI709093, AI491963, AI343481, AI083547, AA411203, AI718197, AA281624, AI379105, AI379556, AI361971, AA844487, AA422096, AI493410, AW370896, AI380997, AA583293, W04273, AW370895, H50534, AA465371, AA281683, AA890322, AI671250, AA465447, AA581543, H68367, H68369, AA338712, AW152574, T40124, R36504, T10779, R83236, AI699600, AI239994, AI333199, AW183647, AA353157, L48692</p>
1678	HWLUV59	876976	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 456 of SEQ ID NO:1678, b is an integer of 15 to 470, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1678, and where b is greater than or equal to a + 14.</p>	<p>AI889597, AI684260, AI351574, R98436, H51098, AI631843, AW291703, AW300604, AW194814, AW370191, AJ224747, AJ224748, AJ001306</p>
1679	HSUSF13	876977	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AI085974, AI858091, AI720077, AW072390, AI989948, AI934584, AW117525, AW237303, AW150311, AI692995, AI815035, AW102807, AI832505, AI922557, AW069468, AA446165,</p>

		<p>the general formula of a-b, where a is any integer between 1 to 1112 of SEQ ID NO:1679, b is an integer of 15 to 1126, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1679, and where b is greater than or equal to a + 14.</p>	<p>AW377667, AI342228, AW295915, AA843597, AA031368, AA031369, AA506182, AI338064, AW002066, AI128919, AI083953, AW367975, N27866, AA582219, AI751107, H96650, W47079, AI129845, AI953830, AA976702, AI750786, AI366199, AI014661, AI090678, H96654, AA846208, AA018530, AW085102, N92750, AI142994, W46779, AA044355, N40640, AI031911, AA913602, AA506298, AA769731, W78040, AA917375, R68943, W46978, N20969, AI750787, AA102449, H28051, W32033, N40269, N30984, R67524, AW367978, AA876079, H26305, H84840, AW074611, R70575, AA883585, AA725372, H13743, AI751106, W19406, AA778022, R70485, AA044033, H00808, AA055964, AA296636, AA459816, R78950, H26464, AI300644, AA642011, AA508205, AA508225, AW235801, AA649284, R24391, AA508374, AA035658, AA301832, AA296525, R21974, H88611, AA506194, AA370945, T90836, AI025235, H88612, AA055963, AA857378, R67525, AA018277, AI828914, R24281, H98539, AA337106, AA374691, T85743, H39859, R68830, R21973, AW366386, D61749, N28622, AA322178, AA975143, AA096079, AW025044, AI040706, AI459355, AW367977, W31440, AA302828, AA382269, AA382270, AA459696, R57416, AI684270, AI523423, AI554821, AI686576, AI537303, AI590021, AI624548, AI868204, AI955906, AI637584, AI818353, AI089970, AI581033, AI564290, AI569975, AI866469, AI440260, AI884574, AI621341, AI609409, AI458237, AI564719, AW008779, AI950892, AI927233, AI540674, AI538692, AI670002, R36271, AI698391, AI909661, AI866465, AI610690, AI783861, AI537273, AI866801, AW262042, AI800380, AI453328, AI538850, AL036901, AW118518, AI633125, AI697324, AI978703, AI583065, AI537244, AI538716, AA761557, AW160916,</p>
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	AI623941, AI560023, AA641818, AI815232, AW071177, AI569309, AL134259, AW410259, AI702073, AL047100, AI537191, AW198090, AW149311, AI567944, AI696340, AW148408, AI612913, AI474646, AI440238, AW083804, AA715307, AA809974, AI432969, AI539260, AI860027, AL036923, AA470491, AI862139, AI819326, AI433157, AI654750, AI499393, AI539771, AI520785, AW151132, AI366900, AA835801, AI355779, AI923989, AI537677, AW051088, AW087207, AW169671, AI886206, AW161156, AI635492, AW105383, AI879377, AI690410, AI863382, AI872423, AI091468, AL038986, AW151766, AI524654, AI625595, AW073996, AI798456, AI804585, AI801325, AW022682, AI522052, AI439087, AW082033, AW104724, AI859991, AI573032, AF125535, Z92846, U00763, U01145, AL080140, A83556, I48978, AL035458, AC005291, A77033, A77035, AC007298, M81784, AF081195, U95739, AL080163, AF081197, A91162, AL050138, E08631, I89947, AF087943, AL050149, U72620, A76335, AL137459, E06743, AL110222, AL137480, AF098162, AL133665, AF100931, AL137558, X80340, AL137550, AL110218, AF061943, AF126247, AL049283, AL050024, X65873, AL050277, A08910, A58524, A58523, A08909, I48979, X61970, AL137526, Y16645, A08908, AL096744, A08913, Z37987, AF061795, AL080239, U62807, AF151685, AF039138, AF039137, AF201468, AR038854, AL133075, AF032666, X82434, AL122049, AL133640, AL133568, AF030513, X53587, AC004383, AF097996, AL137557, A65341, AF090900, U80742, AL122093, Z97214, AF104032, AL137476, X81464, AF078844, AL133080, AL049382, I26207, X84990, AL122100, AL137529, AL117457, AL117435, AR011880, AF026816, AJ006039, AF177401,

1680	H2CBE41	876978	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 616 of SEQ ID NO:1680, b is an integer of 15 to 630, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1680, and where b is greater than or equal to a + 14.</p>	AL137488, Z35309, AL133560, I89931, AB016226, AL133557, AF184965, AR034821, AF008439, AL137463, I49625, A08907, AL122110, X53777, AL133072, AL110280, A08916, AF125948, AF090934, AF028823, AJ000937, AL117587, AL080074, AL137554, A91160, Y14314, A08912, AL137656, AC004822, A23630, A18777, AL049430, AL137533, AF079765, A03736, AL049347, U88966, X72889, A08911, AL122121, AF113691, AL137560, AL137538, AF090901, X93495, AL133031, I96214, AL080159, AL117626, AF090903, AL133016, I09499, AL122045, AF061981, AL080148, S76508, AL122123, AL050366, AR034830, AL137627, AF113019, AL133558, Y18680, AL122050, I33392, AF113699, Y13350, AL133081, AF079763, AF111849, E07108, Y09972, AF067728, AL133077, AL110225, S68736, AL122118, I32738, AL133113, A18788, I89934, AL080110, AF091084, AF031903, E05822, AF111851, U35146, AF183393, I03321, AF106862, AL137479, M80340, I89944, A21103, Y10655, S75997, L13297, S36676, AL122111 AA307330, AT032392, AI434808, AI632534, AW136621, AI992345, AI637461, AA836544, AA745059, Z21538, D20524, D80522, D81026, AW377671, D58283, D59889, D80133, D80043, D80022, C14331, D80248, D81030, D59859, D80188, D80166, D50979, D80195, C15076, D80269, D59467, D51423, D59619, D80210, D51799, D80391, D80164, D59275, D80240, D80253, D59787, D80227, D80212, D59502, D57483, D80196, D80219, D59927, D50995, D80251, D80038, AA305409, D80193, D59610, C14389, D51060, D80378, C14429, D80024, D80366, AA305578, D51022, D59373, D80045, C75259, AW177440, AA514188, D80241, C06015, AW360811, AW178893, D80268, T03269, C14014, D59627, AA514186, AW375405, AW360844, D80014, D80132, AW179328, AW177501, AW177511, D51213, D80247,
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	AW378532, AW366296, AW352170, AW360817, D80302, AW375406, AW378534, AW352171, AW179332, AW377672, AW179023, AW178905, D80439, AW177505, AW178775, D80064, C05695, AW377676, D81111, AW178762, C14227, AW360841, D58101, AW352117, D80134, AW178906, D51250, AW178909, D59503, D58253, AW177731, AW178907, AW178754, AW179019, AW179018, AW179024, AW369651, AW367967, AW352158, F13647, AW179020, AW176467, AW177456, AW179329, AW178980, AW360834, AW177733, AW378528, AW178908, AW178971, D51103, AW352174, T02974, C14407, D51759, D80157, AW179017, AW179004, AW179009, AW179012, AW178914, AW378543, AW378525, AW352163, AI910186, AI557751, T11417, AW378539, D80168, AI905856, T03116, AW178774, AW178911, AW177722, AW177728, D59653, T48593, AW378540, C14298, AI557774, D45260, AW178781, AW352120, C03092, D60010, H67866, AA809122, H67854, AI525923, Z21582, D52291, AW367950, D59695, D80949, C14344, AI525917, D59317, D45273, D58246, D59474, D80258, AI525227, AA285331, C14046, C14973, AW177734, AW378533, D51079, AA514184, D51097, AW167716, AW178986, D51221, C16955, C14957, AI525920, AI535686, D59551, AI525912, D60214, AI525235, AW179013, H67858, T03048, Z33452, AI525242, AI525925, AI525215, F13796, AW378542, C05763, U38654, AF154840, AF125393, U57094, A62300, A84916, A62298, AJ132110, AF058696, AR008278, AR018138, AB028859, D34614, X67155, Y17188, D26022, A25909, Y12724, A67220, D89785, A78862, A82595, A94995, D88547, AR008443, AR060385, AB002449, X82626, AR016808, AR025207, I50126, I50132, I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, AR054175, AR038669, Y09669, A43192, A43190,

1681	HWLFY03	876980	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 598 of SEQ ID NO:1681, b is an integer of 15 to 612, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1681, and where b is greater than or equal to a + 14.</p>	<p>AR066490, I14842, AR066487, A30438, Y17187, I18367, AR008277, AR008281, A63261, D50010, A70867, AB012117, AR062872, AR016691, AR016690, U46128, X68127, AR008408, A64136, A68321, A85396, D88507, AR066482, A44171, I79511, A85477, I19525, A86792, D13509, AR060133, X93549, X72378, AF123263, AR032065</p>
1682	HE2IX48	876981	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1180 of SEQ ID NO:1682, b is an integer of 15 to 1194, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1682, and where b is greater than or equal to a + 14.</p>	<p>AA426499, AW081325, AI985955, AW021040, AI160194, N51691, AI139313, AI378674, AA622963, AI624270, AI656023, AI418379, AI095120, AI634162, AI362188, AI190851, AI091497, AA009944, AA418983, AI336531, AI394274, AA857944, C15793, AI214264, AI277517, AI346314, N47105, AI361996, C16060, AW192963, D57940, AI536992, AI304548, AA918156, C16528, N40979, N67845, AA393695, AA857656, AI659750, H95189, AI493625, C16468, D56642, AI094425, AA552961, AI080394, R81446, AW439682, N51633, D56627, D56835, N44986, H88689, AI589928, AA379627, R76880, AI832292, H88648, C16043, D57541, D57973, AA328571, D57430, AA360724, AI089758, C16179, C16087, D79736, AI445344, D56588, R32408, AI470720, R81649, AI279894, AI933918, AI218414, R69853, AA056022, AI333062, AI004951,</p>

	AI088814, AI301446, AI301394, AA775678, AA603697, AI151369, AA775618, AI961728, D56917, AI151348, AI921968, H88952, AI423219, AA101875, AA345303, AI379653, AI218413, AA148883, R69854, AI553652, C16222, AA247850, AI638373, D62852, D57431, C16128, T99176, AW073968, C21346, D79319, D25644, R57315, D62988, C16117, C16253, N50313, AA918998, R32407, AI096770, AA479361, AA564604, AA479186, R77041, AA478645, AW205520, AW069594, AW104938, AI755000, AW069627, AI264950, AI362021, AI584053, AI367672, AW337368, AA206329, AW128957, AA666020, AI249775, AI130987, AW198220, W74332, AW338136, AA872307, AA171971, AW241261, AW338347, AA148956, AI916347, AA554374, AA862791, AI718186, AA150911, AI659417, AW026625, AI190520, T27978, H89035, AA975415, AA479472, AI911934, AI819270, AA256999, AA977736, AA723064, W72577, AI336178, AA722599, AA905491, AA075265, AI580783, N26834, AA532639, AI193987, AA142873, AI620284, Z20033, AI039612, R62837, AI433157, AI358578, AI500659, AI500523, AI284517, AI275175, AI539771, AI433976, AL045500, AI537677, AI281773, AI491776, AI801325, AI499463, AI624206, AA452612, AW151138, AI696612, AI815232, AW148320, AL045266, AW008048, AI282655, AI572787, AW075351, AI524671, AI274508, AI889376, AI866457, AI282281, AW087445, AW075413, AI432666, AI567940, AL036802, H52440, AI436456, AI610362, AI270707, R64680, AI963846, AI612913, AI554821, AI783504, AI866608, AL121286, AI637584, AW238730, AI538716, AI862144, AI926790, AI500077, AI702406, AI921248, AI590120, AI571909, AL040243, AI702073, AI349598, AI269862, AL038605, AI249323,

AI702068, AI869367, AI281772, AI631107,
AL036396, AI610402, AI281837, AW170635,
AW051258, D45889, A74912, I89947, I48979,
A08916, A08913, I89931, D13542, I48978,
AL137527, AF091084, L31396, AL133640, L31397,
AL049452, AF104032, AL122049, AF113013, A03736,
AL049430, AF113677, AL050116, AF106862,
AL137557, AL122098, A08910, AL050277, AL117457,
A08909, AF090943, AF146568, AL080159, S78214,
AL133016, AF113699, AL137459, A65341, E07361,
AL133080, AF113691, AL080060, A77033, A77035,
I33392, AL110196, AL137463, AL133113, AL049466,
AF113019, U42766, Y16645, AF113690, AF090903,
AL117460, AL050149, AL080124, Y11587, AL050393,
AF090934, AL137271, AL049938, AF125949,
AL133557, AF177401, U35846, AL049283, AL133565,
AF078844, AF090901, AL049382, AL050146,
AF090900, I49625, Z82022, AL117583, AL133093,
AL122110, AJ242859, AF113694, A58524, U80742,
E03348, AF067728, AF113689, AB019565, Y11254,
AL049314, AF113676, AF118064, A58523, AL122123,
AL110221, AR059958, S68736, AF125948, AF090896,
AL122093, AF158248, AL050108, AF118070,
AL050138, AF183393, X84990, X72889, AL137550,
AL122050, AL133072, X82434, AF111851, E02349,
AL133075, AL133560, AF017152, AF017437,
AL117435, AF118094, AL080137, I03321, AL122121,
AL133606, AF087943, AR011880, E07108, AL096744,
AL117394, AL110280, AL050024, AJ000937,
AL117585, AL049464, U91329, E15569, A93350,
AL137648, A93016, X63574, U67958, AF097996,
I42402, U00763, A12297, X93495, AL137538,
AJ238278, AF079765, AL110225, I09360, AL133077,
I26207, AL137521, AL049300, Y14314, AL137283,
U72620, X96540, AF119337, AL080127, X65873,
X70685, AF026816, AJ012755, AL133067, AF153205,

1683	HNFHD27	876983	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1000 of SEQ ID NO:1683, b is an integer of 15 to 1014, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1683, and where b is greater than or equal to a + 14.</p>	<p>A08912, AF061943, AR038969, E08263, E08264, AL137560, AF185576, X98834, AL110197, AL050172, AL133014, AL137480, S61953, AL133104, AF111112, AR000496, U39656, AF026124, AF057300, AF057299, AL137523, E05822, AL137556, 237987, AL133568, AL137476, AL137526, AR038854, U58996, AF079763, AF111849, AJ006417, AF003737, AF061981, X87582, AL117440, AC004383, U49908, AL133098, AL137488, AF061573, AF032666, A45787, U96683, Y09972, I00734, Y07905, AF051325, X92070, AF162220, E00617, E00717, E00778, U78525, L19437, A07647, Z72491, M30514, AF177767, AL122118, X53587, AL080074, AL137300, AL137533, AF106827, AC002464, AF106657, AF008439, AR020905, AR013797, A90832, L30117, I17767, E08631, AF095901, E04233, U68387, I09499, AF139986, AL133031, E02221, AF118090, AL122111, AF210052, AL122100</p>
1684	HWLXS11	876984	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 417 of</p>	<p>AI742835, AI469703, R98751, R83167, AI538038, AI215412, T96765, AA206614, R93713, AI678748</p>
				<p>AI692881, AI240606</p>

1685	HCRPG94	876985	<p>SEQ ID NO:1684, b is an integer of 15 to 431, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1684, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 555 of SEQ ID NO:1685, b is an integer of 15 to 569, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1685, and where b is greater than or equal to a + 14.</p>	<p>AA307658, AW381667, AW295050, AI525535, AF095791, AF220152</p>
1686	HCUGO73	876987	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 908 of SEQ ID NO:1686, b is an integer of 15 to 922, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1686, and where b is greater than or equal to a + 14.</p>	<p>AI581133, AI183335, AI591306, AI859797, AI474090, AA757640, AI076898, AI559591, AA457735, AW173564, AW204070, AA480846, AA767766, AI526090, AI392866, AA723065, AA939140, R52542, AW103638, AA766199, AA757573, AI591339, AI910407, AA036665, W47118, AW020710, AA580663, AI039858, AA708505, AI002285, AW090087, AA641818, N63128, AI440263, AL040827, AI889256, AA939199, AI866465, AI401697, AW263804, AI538850, AI688848, AL120853, AI886440, AI859782, AW161156, AA557132, AI567961, AI801325, AW020373, AI587000, AW020397, AI624950, AI500714, AA056265, AW020693, AI581033, AI961414, T99953, AI918554, AW167918, N99092, AI619513, AI345005, AL041016, AI340627, AI570861, AI889147, AI582932, AL121564, AI685798, AI698391, AI345014, AI538564, AI915291, AW152182, AA420722,</p>

	AW161579, AI471909, AI923989, AI284517, AI590043, AI491852, AL047422, AI889189, AI811192, AI917994, AI473536, AI340982, AW079432, AA857847, AL049048, AI866469, AW151979, AA741027, AI371251, AI859991, AI884318, AI440238, AI624245, AI568061, AW075382, AI923750, AI348854, W74529, AI866573, AI702343, AI539260, AA042949, AA502794, AW191003, AW071380, AL036923, AI334893, J05272, AC007283, U00978, A91160, A91162, I48978, Y10080, X06146, A21101, I52013, AF125948, U49434, AL133080, A83556, AF017790, A08910, A18788, D89079, AL117440, A08909, S83456, A49139, AF047716, A58524, A58523, AF119337, A08908, X70514, AL137292, I30339, I30334, A08912, AJ006417, E12747, AL136884, S63521, AF087943, A07647, U42766, AF124435, AL122045, AL133072, AF113013, I00734, I48979, A76335, S77771, E00617, E00717, E00778, AL137476, AR038854, A08907, AL050172, U58996, X15132, E04233, A08913, AL137459, AF146568, U72621, AL096720, A12522, A18777, I89931, Y18680, AF111849, S76508, D16301, A08911, I89934, I89944, AL050149, I49625, AF094480, L04849, Y08864, AJ000937, AL137640, AL049430, AL080154, I46765, AL122100, AJ003118, AL117587, AL050280, AF159148, AF026124, AF106945, AF118094, AL117460, U62807, AL049996, AB016226, AF113019, AL133637, AF100931, Y16645, S36676, AL110196, A77033, A77035, AL080159, AF143957, AF079763, Z37987, AL117457, Y14314, AL080156, AR038969, AL137488, AF090901, AL080126, X65873, U35846, L04504, AJ012755, I89947, A17115, A18079, A15345, AL080124, X62580, AL049382, X63162, AL117649, AL110158, AF090903, AL050116, AF061981, I32738, AB030279, AL080163, AL133112,

1687	HPMDD49	876989	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1582 of SEQ ID NO:1687, b is an integer of 15 to 1596, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1687, and where b is greater than or equal to a + 14.</p>	<p>AL137267, I68732, D83032, L13297, A08916, AF031903, AF118090, AL133568, AL110225, AL122123, M80340, AC004200, AF179633, AL137463, X81464, AL137627, AR013797, AF207750, AF113690, AF017437, X66871, AL133558, AL049283, I33392, AF051325, AL049464, L30117, M85164, M27260, AF199027, AF180525, U78525, AL133569, A52563, AL137527, Y07905, AF139986, AR068466, AL137548, AL137665, AF061943, U72620, AL137550, AL137539, AL117648, AL049347, AF038847, Y10936, A90844, AL137560, E02349, AL110296, AF090886, AL096744, I25049, I25048, AF177401, X86693, AF039138, AF039137, AL117394, AL133010, AF112208, AJ005690, AL137479, X72889, A90832, AL133665, I80062, E02152, I79595, AF002985, S75997, AF113694, X82434, AF119336, AF090943, AB031064, AF069506, AL133624, AL110221, X54971, U57352, AF016271, AL117443, AL137641, AL137480, AL049452, I29004, X66417, AL110159, AL133560, S61953, Z48796, AF028823, AL137283, I28326, AF067728, X87582, U67958, A93350, AL137529, E07108</p>
1688	HCNSF23	876990	<p>Preferably excluded from the present invention are one or more</p>	<p>AL134806, AW408278, AW382759, AA315582, N43819, AW393044, AA310712, AA321625, N26436, AW393061, AA089543, AA740922, AW364275, AW402662, AA281391, AI540961, AI271339, D25278</p>

1689	HKDBC15	876991	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 315 of SEQ ID NO:1688, b is an integer of 15 to 329, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1688, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1259 of SEQ ID NO:1689, b is an integer of 15 to 1273, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1689, and where b is greater than or equal to a + 14.</p>	AA883969, AI312584, AW197737, AI337319, W60319, AI476496, AI420953, AI816942, AA917042, AW418714 AI862551, AI765006, AI917375, AI972770, AA552639, AI218562, AI768706, W65408, AI350781, AI640306, AA574291, AA468717, AI307307, AA055447, AA514669, AA574359, AA516276, AI658818, AI886513, AW104092, AI056398, AW291148, AW026517, AI537287, AI493566, AI420453, AI962537, AA468798, AA477076, AA055446, W61322, AI669652
1690	HSIGM23	876992	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1006 of SEQ ID NO:1690, b is an integer of 15 to 1020, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1690, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1006 of SEQ ID NO:1690, b is an integer of 15 to 1020, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1690, and where b is greater than or equal to a + 14.</p>	AA504588, AI138384, R78587, R64412, AA236105, AI367325, R26008, H25950, AI359774, AI222758, AI285942, AI499688, AW072370, AI042411, AA928406, AI817207, AI130765, AW016387, AI082279, AI073537, R78588, R63806, AA405549
1691	HCQBN43	876993	<p>Preferably excluded from the present invention are one or more</p>	AI688703, AI761358, AI813766, AW182487, AI829360, AI380125, AI890417, AW377304,

1692	HCQB003	876994	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1622 of SEQ ID NO:1691, b is an integer of 15 to 1636, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1691, and where b is greater than or equal to a + 14.</p>	<p>AI934593, AW377372, AW377334, AW377268, AW375342, AW377315, AI357827, AW377285, AW377266, AA305061, AI559533, AW377387, AW377252, AW377383, AW377255, AI283201, AI286089, AW377339, AW377240, AW377223, AA515982, AI343596, AI475146, AW193361, AW377246, AA579699, AI289618, AW351695, AA503064, AW377220, AI803822, N49117, AW375369, AW351685, T29359, AW377256, AW375332, N48341, AC000061, AR016032, I11500, I66544, M55131, M76128, A83151, U20418, A49045, AF162427, I66545, AF016950, AF162400, AF013753</p>
1693	HCQCF85	876997	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 821 of SEQ ID NO:1692, b is an integer of 15 to 835, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1692, and where b is greater than or equal to a + 14.</p>	<p>AW359811, AW014155, AI334392, AA664276, AA608594, AA984631, AI954111, AA410972, AA586953, AW194426, AI445882, AI420061, R11024, AA911063, AI335787, AI623204, AA419568, R11072, AA864381</p>

1694	HUVFS16	876998	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1259 of SEQ ID NO:1694, b is an integer of 15 to 1273, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1694, and where b is greater than or equal to a + 14.</p>	<p>AA443167, AL046148, AA243821, AA492497, AA243686, AA405113, AI351901, AA463466, AA011361, AL043877, AB020669, AF054828, AF068920, AF068921</p>
1695	HCQBD51	877000	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 786 of SEQ ID NO:1695, b is an integer of 15 to 800, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1695, and where b is greater than or equal to a + 14.</p>	<p>AI635096, AA165632, AA523697, AW166525, AA769127, AW129960, AI686907, AI768699, AW136550, AI915606, AW188763, H79957, AI540313, AI769970, AA719353, AW151462, AW418915, AA829144, AA165668, AW182418, AW102605, AA757716, C16515, AA907061, AA860897, AI217462, AI217382, AI239881, AA703100, AA577904, R21911, AI637789, N87490, N42130, AI764980, AI936236, AI141067, AA649747, AA642829, R69594, AA528274, AA922380, AC006047, AP000509, AC004185, D84394, AL080317, AC005406, Z97876, AC009542, AC009330, AF058907, AF196971, Z98750, AC011604, AL030998, Z83820, AC004707, AC004617, AC004691, AC007319, Z97054, AC005908, AC003983, AL023280, AL031073, M74509, AC010209, AF026254, AF026248, AF026249, AC003678, AC003689, AC002094, U77841, AC004772, AL022147, AC004924, AC003093, AC004985, AC005574, AC003082, AL049697, AR036572, U91328, AC007206, AP000083, AC006023, AC002536, Z83839, AP000689, AC002059, AJ239329, AP000688, AB003151, Z98257, AC006017, AC005632, AC003087, AC006335, AC007317, AC022517, Z97198, AC000385</p>
1696	HCRMU18	877001	<p>Preferably excluded from the present invention are one or more</p>	<p>AA486568, AI733856, AA077667, AI090377, AA831426, AI336771, AA493546, AA670392,</p>

			<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 504 of SEQ ID NO:1696, b is an integer of 15 to 518, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1696, and where b is greater than or equal to a + 14.</p>	<p>AI816058, AC005914, AL035681, AL050307, AC009516, Z83826, AC005015, AC007041, AC004706, AC005484, AC004819, AC007536, AL121825, AF067844, AP000512, AC004962, AC007685, AF109907, AC005412, AC009247, AC005274, AF027390, AC002477, AC006487, AC006011, AL022318, U62293, AC005730, AC005069, U22376, AC005800, AL139054, AC007216, AC004150, AC000353, Z95114, AC005754, AL049569, AL049766, AC005013, AC005081, AB023049, AC006581, AP000558, AP000045, AL080243, AC009248, AC005071, AC004686, AL109628, AC007073, AC005971, AL035461, AL022721, AC005164, AL096791, AC005057, D84394, AL121658, AC006251, AC009721, AC003663, AC007371, AL049869, AL031432, L44140, Z98950, AC005520, AP000031, Z98946, AL022238, AC006511, AP000557, AC004668, AL031666, AF207550, AC005488, AC005358, AL117694, AC019014, AL121603, AL021940, AC007226, AC005632, AC005670, AC005529, AC006006, AC008115, AC002300, AL035086, AC005200, AC004491, AL023807, AF200465, AP000116, AC007676, AC004149, AF129756, AC007899, AC005740, AC006961, AC004913, AC005088, AA305628, AA308609, AA300521, AA356487, AA363124, AB020712</p>
1697	HONAN63	877002	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 530 of SEQ ID NO:1697, b is an integer of 15 to 544, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1697, and where b is greater than or equal to a + 14.</p>	

1698	HCQCU65	877004	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 518 of SEQ ID NO:1698, b is an integer of 15 to 532, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1698, and where b is greater than or equal to a + 14.</p>	<p>H73991, AI770045, AI866911, N24909, AA418453, N20611, AC006153</p>
1699	HCRNO79	877005	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 175 of SEQ ID NO:1699, b is an integer of 15 to 189, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1699, and where b is greater than or equal to a + 14.</p>	<p>AA987568, AL035420</p>
1700	HCRMO22	877006	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 624 of SEQ ID NO:1700, b is an integer of 15 to 638, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1700, and where b is greater than or equal to a + 14.</p>	<p>AB028946</p>

1701	HFDME46	877007	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 681 of SEQ ID NO:1701, b is an integer of 15 to 695, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1701, and where b is greater than or equal to a + 14.</p>	<p>AA074619, AW375400, AW389301, AI909808, AW389291, AB014603</p>
1702	HCWHN82	877008	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 531 of SEQ ID NO:1702, b is an integer of 15 to 545, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1702, and where b is greater than or equal to a + 14.</p>	<p>AI283018, AW451644, AA889452, AI369736, AA971331, AI811185, AA991486, AI46655, AI888354, AA319058, AW388636, AI569358, AA877264, AI473558, F35033, C17917, AI952676, AI752007, AI860674, AW378122, AI687473, AW364312, AI209004, AI476109, AI446124, AW084219, AI567637, AW168485, AI805638, AW189268, AI244380, AI564515, AW088903, AI866002, AI678021, AW088899, AI701975, AI359590, AI696819, AI817543, AI365256, AI358042, AI610645, AI682075, AW409775, AI587288, AI886532, AW044626, AI697324, AI687362, AI499263, AW151729, AI280661, AI537617, AI611743, AI612759, AI570966, AI915243, AI633419, AI537991, AA603709, AI288285, AI866082, AW089179, AI690924, AI952302, AW085786, AI569309, AW023338, AI799199, AI569328, AI677797, AI249877, AI890057, AI471361, AI648408, AI539153, AI619716, AI867042, AI566630, AW265004, AI472536, AI919345, AW130863, AW168795, AI366549, AI636719, AI866741, AW002174, AA807088, AW118518, AI829327, AI805688, AW083804, AI696626, AI249946, AI589993,</p>

AI400725, AI432790, AI863014, AI932794,
AW151681, AL031228, D84401, E12645, AF117221,
D82060, AL117578, AL137556, AL133014, AL18777,
AL080074, AL122098, AL137558, AF012536, I48978,
A08916, I89947, AL080137, A08913, I89931,
A08912, A08910, E03348, I49625, E03349, A08909,
U42031, AL050138, S77771, AR038854, AL133645,
A08908, AL137300, X80340, X93495, AF067790,
AF119337, AF000145, I26207, D83989, U67958,
Y08769, AL122045, I66342, AF106657, AL133010,
U88966, AL080124, AF162270, AL137292, AL122111,
L30117, AL080127, AL137705, AB019565, AF017437,
AF065135, AF210052, AF205861, AF185576, I89934,
I89944, AF113689, E02253, AR059958, U96683,
X79812, AL137640, S68736, U80742, AI2297,
X96540, A77033, A77035, S76508, AR000496,
D89079, U39656, I42402, E15569, AF032666,
AL137463, AL080060, AL137429, AL133067,
AR038969, AF132676, AF061836, AL137538,
AF090886, AL137712, AL137527, E02221, AF111112,
AL137526, X00861, I09360, AL133093, X87582,
E05822, AF215669, AL122106, X84990, AF017152,
AL133665, AF125949, A45787, AL133077, AL137658,
AF030513, AL137294, AF113691, AL110280, AL18788,
A93016, AF078844, AF118070, A93350, Y14314,
AL080140, S79832, AF022363, AL122121, U72620,
X72889, A65341, J05032, AL133016, AL137273,
AL117432, AF104032, I48979, AF003737, X72387,
E04233, AL110221, AL117440, AL122118, AL049465,
AL137476, AL050277, AL133104, AF114170, A65340,
AL133558, Y11587, U00763, X62580, AL049382,
AL137574, U78525, AF090901, AL133072, AF113013,
AF008439, X81464, I41145, S61953, A21103,
A08911, AL080086, AF113019, AL049460, E15582,
AF028823, AF100931, AL122049, L19437, Y16645,
AF118064, AL137478, AL122050, AL080159,

1703	HHPEK59	877009	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1606 of SEQ ID NO:1703, b is an integer of 15 to 1620, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1703, and where b is greater than or equal to a + 14.</p>	<p>AL133640, AL133098, X52128, AF159615, I17544, AL133557, AB007812, AL080158, X92070, U87620, S69510, AL133075, AF061795, AF151685, AF113676, AL096744, AJ003118, AF158248, U49434, AF061981, AL133568, AF146568, AL080148, AL133113, AL133565, E01614, E13364, AF106862, AF081197, AF081195, X53587, AC002467, X82434, A08907, AR019470, I33392, Z82022, AF176651, AF183393, AF153205, AF106697, A52563, AF139986, A08915, AF057300, AF057299, AL137283, AL117585, Y10080, AR068751, S75997, AR029490, Z72491, AL133081, AL049452, AL117460, L31396, I80064, AL137521, L31397, S78214, M92439, A15345, AL049464, AL117648, AF090934, AF118094, AL137557, U95114, AL110196, AL049466, AF118090, AL049314, AL080154, I03321, U58996, E06743, A90832</p> <p>AA149062, W55857, AI654104, N91520, AA398769, AL041623, AA149063, AA307763, AW450873, AI082461, AA709060, W06955, AI079909, AI920841, AA292830, AI268616, AA191706, AA010085, R07052, Z44437, T87013, T12757, Z40368, AA844584, AI955471, W55858, AW135814, T52489, N48933, T56321, N46430, AA864954, AI274165, AF027218, AF027219, AF155101</p>
1704	HKCTB07	877010	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 391 of SEQ ID NO:1704, b is an integer of 15 to 405, where both a and b</p>	<p>AF105020</p>

1705	HFPIZ22	877011	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1704, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1578 of SEQ ID NO:1705, b is an integer of 15 to 1592, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1705, and where b is greater than or equal to a + 14.</p>	<p>AI458123, AA770557, AW299665, AW236534, AI952929, AI340145, AI339835, AI650682, AI472033, AA256229, AI268229, AA678840, AW190757, AI075831, AI631649, AL138340, AW080424, AA293773, AI373728, AA704702, AA677322, AI033016, AW204318, AA848089, AI891160, AA399568, AA227660, AI001981, N24286, AA747722, AI537348, AW025794, AA218733, AI865908, H98718, H64686, R38180, R17022, N70123, AI493281, AW007482, H70397, AW134908, AA334373, W04161, R09968, AA394090, R16715, T77116, W01375, AI690748, AW169604, AI624293, AI267162, AI245731, AI273189, AI627988, AI698391, AI368579, AI969655, AW149925, AL046835, AI690687, AI524654, AI289310, AI868204, AW051088, AI869377, AI678446, AI613038, AI590043, AI469587, AA464646, AI589428, AI590830, AI863382, AI677797, AI621341, AW149076, AI536574, AI538850, AI921254, AI927233, AI568592, AI590423, AW020397, AI583982, AI950892, AL045266, AI335208, AI491775, AI865906, AI612913, AI888208, AI670009, AI433157, AI702073, AI890507, AI682968, AI401697, AI538564, AI445611, AI679266, AI913312, AI686576, AL037454, AI627893, AI586931, AI872545, AL037582, AL037602, AI815232, AI281757, AA766116, AI537677, AI434731, AI635634, AI648454, AI634467, AL036802, AI540674, AL039086, AL036673, AI471282, AW162194, AI582932, AW148423, AI923989, AI583578, AI866770, AL120300, AI890907, AI370623,</p>
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	AI633009, AI251221, AI590020, AL042944, AI884318, AI933992, AI570056, AI699823, AI523806, AI571439, AL046595, AI553645, AI287449, AW020419, AI865900, AI435253, AA420722, AI263312, AI536601, AW169671, AI349772, AI225023, AI473208, AI632408, AI355277, AL045413, R36271, AA502794, AI439745, AW163834, AI270295, AW023338, AI340603, AI801793, AW075382, AI570861, AL040241, AI610402, AI635016, AI440399, AL046944, AI312428, AI828412, AL046466, AI909641, AI623662, AI859991, AI142101, AI345688, AI912434, AI500061, AW102798, AI686817, AA572758, AA641818, AI249389, AI826331, AI633125, AL042981, AL134259, AI561356, AL079963, AI915291, AW152182, AW166870, N33175, AI565172, AI540676, AI800433, AI888501, AL121365, AI889189, R32821, AI345745, AI538885, AI539560, AI612750, AI440239, AL040011, AI479292, AI866469, AI818574, AL036396, AI500714, AI340519, AI432644, AW193894, AI469532, AI872423, AI638644, AL119828, AI623941, AI699020, AW302988, AI524179, AW193635, AI521560, W46378, AW168788, W74529, AI741158, AI686808, AL048323, AI802542, AW161579, AL119748, AI559752, AL048340, AI500514, AI918435, AW238688, AI241741, AW089272, AI684244, AI358701, AI306610, AI590227, AF007128, AC005182, AL035458, AC006336, AJ001388, AF032666, AF097996, I48978, A65341, AL122110, AJ005690, I89947, AF140224, AL122093, L31396, AJ012755, L31397, I48979, AL117587, AF047716, AL137558, S78214, AR038854, A07588, A77033, A77035, AL050108, AL050138, AF199027, AL117435, A08916, A08910, AL035407, AF200464, U72620, AL133557, AP000208, AF017437,

Y16645, L40363, AL049423, AP000247, AL080148,
AL049452, A08909, A08913, S68736, A15345,
AL122050, AL050278, AC007114, AF067728, E03671,
AL049382, AL117460, I66342, Z97214, AF113699,
AL096744, AL133565, AF104032, AF091084, X67813,
AL049300, A65340, AL137478, S79832, AL078630,
AL133067, AL133640, AL137459, AF090903,
AF177401, AL133560, U67958, AL080159, AF022363,
AL133113, AL110280, U42766, AL049283, AF109906,
AL110225, AR034821, X96540, AL136884, AL137530,
X89102, AL117416, AL050149, AF061981, M92439,
A58524, A58523, E02349, Y09972, A08912,
AF090896, AL137294, AL050393, A18777, I89931,
Y11254, AJ000937, AL110221, AL117457, AL050116,
AL049339, AF158248, AF090901, A03736, AF115410,
AR011880, AL133637, X79812, AL050024, Z13966,
AF061795, AF151685, AL137533, AL137550,
AF061573, AL137292, S76508, S61953, I49625,
AF113690, A57389, AL133080, AF087943, AF079763,
AL122098, AL133075, E01614, E13364, AL137271,
AL137480, AF102578, AF026816, AL050277, A08908,
AF118070, U58996, Z82022, AF100931, Y10823,
AL137557, D89079, AJ238278, E07108, AF090900,
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AR020905, AF113694, AF113677, S63521, AF118064,
AL049938, I33392, AF183393, AL080162, AL023657,
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S36676, A93350, Y14314, AF057300, AF057299,
AC006112, I89934, AF090934, Y11587, AF106827,
X84990, AF081197, AF081195, AF118094, AL133016,
AL050155, U35846, AL137479, AL080124, U75932,
AB019565, S75997, AF113019, AL110196, AF107847,
X70685, AF115392, AF125948, AF125949, A45787,
AL080140, AL050146, AL133031, U78525, AF079765,
AF106862, X98834, D83032, AF126247, AF082526,
A76335

1706	HE8FB89	877012	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1428 of SEQ ID NO:1706, b is an integer of 15 to 1442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1706, and where b is greater than or equal to a + 14.</p>	<p>AI797081, AI669186, AI922708, AI400881, AA156853, AA062971, AW027338, AA431360, AI091639, AI627975, AI358574, AI202381, AA255522, AW086138, AA890259, AA806628, AA255565, AI367251, AA088310, AA765366, D63210, AI796381, H48099, H48098, AA720634, AL079437, AI758780, AI911927, AW022560, AA256707, AA737329, AA255588, AA877667, AA455364, AA813874</p>
1707	HCRND67	877013	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 794 of SEQ ID NO:1707, b is an integer of 15 to 808, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1707, and where b is greater than or equal to a + 14.</p>	<p>AA648907, AW001743, N40531, AI978754, AI446119, AI949312, AA252030, AA521447, AW024768, AI039260, AI962419, AI935656, AI416968, AI361764, AA860961, AI127900, AI936802, AI761487, AI580311, AI917267, AW024010, AI189597, AI864624, AA131263, AI351462, AI422420, AA904280, AI636058, AA931114, AA648498, AI767707, AW262532, AA191430, AI312828, AA860568, N46577, AA804488, AI680207, AA628794, N45139, AI694810, AA574232, AI522273, AI362932, N46583, AA364681, H91961, N40538, W22178, H99173, W22807, AA829581, AL046944, R79750, AC005325</p>
1708	HSPA101	877014	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1041 of SEQ ID NO:1708, b is an integer of 15 to 1055, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1708, and where b is greater</p>	<p>AI378753, N35689, AW207088, AW151846, W49562, AI457284, N35406, W49563, AA334557, R58493, H24416, AI678442, AI791556, AA242954, R30676, AW022665, R47185, AL031652, L41349, L13935, L13936, L13937, L13938, AL117633, L15556, L18962, AF027571, AF031370, U57836</p>

1709	HOSXA83	877015	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1030 of SEQ ID NO:1709, b is an integer of 15 to 1044, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1709, and where b is greater than or equal to $a + 14$.</p>	AA100220, AI167817, AA113216, AA324768, AA085997, AA149087, AI493421, AA629345, AA625949, AA149086, AA669959, AA431870, AI866312, Z28464, AA172371, AW173386, AI183937, AA431871, AA262957, AL036908, AI271960, AA085643
1710	HAVTF85	877018	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 881 of SEQ ID NO:1710, b is an integer of 15 to 895, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1710, and where b is greater than or equal to $a + 14$.</p>	AL037339, AA811927, AI720889, AA926797, AL039480, AA442561, AA858311, AI566218, AA846839, AI583216, AI635043, AA699924, AI192601, W69310, AI262270, AA526986, AI304664, AI310345, W69206, AI147372, AA973817, AI431515, AI818856, AI033497, AA983644, AW129307, AA701244, AA926804, AA630163, AI289870, AI061307, AA554361, AI566853, AI262295, AA031671, AI092076, AI280857, W73760, AW074354, AI924486, AI367351, AA304674, N75814, AA678529, AA130266, AA808417, W68377, N50405, AA831659, AA907418, N50457, T89689, N75514, AI244342, AI445788, AA365398, R55802, AA853796, AI632051, AA291486, R28626, W68336, H29812, R52537, R42369, H02369, F02630, AI686839, AA188995, F03753, AW236685, F04385, W73593, AA728837, C02595, AA653337, AA883260, R43407, T29673, AI471055, AA190445, AI567050, AA031670, AI246665, AI658622, R33489, AI932403, AL041862, AI452556, AI923989, AW188793, AL042745, AW071349, AL046356, AI554245, AL119748, AL079977, AI815232, AL046926, AL040243, AI434223, AL047675, AI866573, AL042628,

	AI933785, AI433976, AL045500, AI433157, AL042744, AW151136, AL047092, AI539771, AI500523, AI538716, AI537677, AI500659, AI554821, AI801325, AI582932, AI284517, AI500706, AI445237, AI491776, AW151138, AI521560, AI889189, AI500662, AI284509, AI889168, AI633493, AI434256, AI888661, AI284513, AI569579, AI888118, AI440252, AW129106, AL042787, AL045266, AL042551, AI432666, AW150578, AI800453, AW132001, AW071417, AI620284, AI800433, AL042627, AI866510, AL045620, AI826225, AI805769, AI275175, AW020693, AI537515, AW301505, AL049085, AI499463, AI610362, AI491852, AI889148, AI889147, AI432656, AI812015, AW082113, AI440239, AL042538, AI627893, AI538342, AL045891, AL045774, AI269862, AW196105, AI251221, AW268122, AI436429, AI537273, AI436456, AW081255, AW080379, AI963846, AI520702, AI567940, AI817244, AL039276, AI612913, AI805385, AI811785, AI494201, AI285826, AI863014, AI521594, AI499512, AI815855, AI636372, AI889133, AW005858, AI630252, AI567993, AL047422, AW088899, AI133559, AL045163, AL037454, AI344928, N80094, AI610429, AW162071, AI539632, AI564765, AI610402, AI539847, AL079963, AI567935, AI349772, AI364788, AL041150, AI698401, AW079572, AW161579, AI539028, AL036638, AA225339, AW083804, AI049851, AW169671, AI686906, AI866608, AI537617, AL036736, AI284131, AL036802, AI783504, AW190042, AI648663, AL121286, AW073994, AI889953, AI345608, AL048377, AI680162, AI862144, AL040097, AI567360, AA572758, AW088134, AI539153, AI698391, AI612885,

AI539238, I48979, AL110225, AL122049, I48978,
AL122098, I89947, AL133072, AL117460, U42766,
AL133016, A12297, AL137271, A08916, AL122050,
A08913, A08910, A08909, AF078844, I33392,
AF111851, AL110221, AF118064, AL050024,
AF067728, AL049283, AL133080, I89931, AL050277,
AF017152, S68736, AF146568, AL050138, I49625,
AF177401, I03321, AL049430, AL117585, AF090896,
AL122093, AL122110, Y11587, AF113689, AL137557,
AL137560, AF113013, AL122123, AF113694,
AL133560, AB019565, U91329, Y11254, AL133640,
AL117457, AL133077, AL080124, AL133606,
AF113677, AL137550, AL137459, E07108, AL050108,
X82434, E03348, AL049938, U80742, Y16645,
AJ000937, AL049314, S78214, AL133075, AL096744,
AL117435, AL133565, AF079765, U00763, E07361,
AF113690, AF090943, AF118070, AF113699,
AL137648, AF113691, AL133557, AL050116,
AF125949, AL137527, AF106862, X98834, AF113019,
A93016, AF090934, AF158248, AL122121, AF091084,
AL117583, AF183393, AL133568, AL117394,
AL133113, I26207, U35846, AF118094, X84990,
AL080127, AL050393, X63574, AJ012755, X96540,
AL133104, AF097996, AF090903, AF113676,
AF090901, U72620, AL080060, X72889, AL133093,
AJ242859, AR059958, AL137538, AJ238278, I00734,
AF125948, AL080137, AF104032, AL049466,
AF017437, AL049452, AL110196, A77033, A77035,
X70685, E02349, E15569, A93350, AF090900,
E00617, E00717, E00778, AL050146, AL137463,
A65341, AF087943, AL049382, I42402, Z82022,
AF026124, AL133014, X65873, A03736, AL137521,
A58524, A58523, AL050149, AF111112, AR011880,
I09360, AL050172, AL049464, L31396, L31397,
AF061943, X93495, A08912, AL137476, AL049300,
U67958, AF119337, AL137283, AL080159, AL110197,

1711	HTEPI45	877019	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1600 of SEQ ID NO:1711, b is an integer of 15 to 1614, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1711, and where b is greater than or equal to a + 14.</p>	AL137533, I09499, AF026816, AR038969, AL137526, AR000496, U39656, L13616, E08263, E08264, S61953, A90832, Y09972, U49908, AF003737, E04233, Y14314, AL110280, AL137556, AF153205, AF185576, AL137523, A07647, AF057300, AF008439, AF057299, A45787, AL080148, AJ006417, AR038854, AL133067, U58996, E02221, AL137480, Z72491, AL080074, X53587, E05822, AL133098, AF079763, E08631, AF061573, AF162270, L30117, M30514, AL117440, AL137273, Y07905, AL137292, AL137478, I17767, U96683, X83508, AL023657, AF111849, U68387, AR013797, X87582, AF106827, AL137294, AL133049, AL117432, I41145, X62580, AL133081, L05186, E12747, AL050092, AL110222, AR020905, AF132676, AF061836, X52128, U78525, AL137488 AW135340, AI908516, AW003833, AI692953, AI693316, AW242982, AI194008, AI672260, AI497695, AW242975, N63914, AW242988, AI341520, AI972371, AI373504, AA705554, AI633950, AI276537, AA699365, AI989919, AW204605, H11413, W00441, AA279329, AI656862, AI961706, AA455604, F28946, AI678125, W20411, N98286, H08430, AA455968, W32633, AA528280, AI702940, H85245, T95059, H08429, F13395, T81953, F37163, AA215977, AA301556, T95155, F11101, T77655, H11389, AA279895, AW196491, AI915713, N80005, AA806720, AI802542, AI624279, AW198090, AI584140, AI890223, AI612913, AI648509, AI439717, AI572676, AI702406, AI497733, AW104724, AI886124, AL121328, AI254731, AI224027, AW087445, AW168795, AI934011, AI539687, AI537677, AW262565, AI569616, AI801766, AI610402, AW071349, AI811344, AI520785, AI680498, AI591316, AI554818, AI468872, AA225339, AI269205, AI566670, AI824746, AL079963, AI433976, AI269862.
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	AL042628, AI636588, AI619502, AW129659, AI554427, AW132056, AI567846, AI440239, AL119863, AL040243, AI491852, AI539771, AI500077, AI637584, AI364788, AI249257, AI559296, AI859511, AI873604, AI701074, AI890833, AI926790, AW170635, AI564719, AL045266, AL134830, AI677796, AW130776, AI569583, AW026882, AI538085, AW149311, AI433157, AI702073, AI284484, AI273048, AI934036, AI679990, AI868831, AI950664, AI475371, AI571909, AI247193, AI498067, AI280747, AW023590, AW088903, AI633419, AI280751, AI540832, AL045500, AL041150, AW193000, AI587143, AI270055, AW090013, AI627360, AI318280, AI633125, AW150578, AI673785, AI439745, AI536638, AI590120, AI274508, AW302988, AI863014, AL036361, AI275175, AW051258, AI282504, AI362637, AI537024, AI610362, AI274013, AI590118, AI815855, AL046944, AI648663, AI620284, AI568296, AI281837, AI475451, AW081036, AI922901, AL043981, AI434223, AI097248, AI702068, AI269696, AW301409, AI866608, AI254042, AI284517, AI475394, AI862139, AI687362, AI917055, AI500659, AI539808, AW169653, AI476109, AL047763, AI590021, AI801325, AI500523, AA807352, AI624206, AL121270, AI270707, AA470491, AI857296, AI500706, AL039276, AW169671, AI801152, AI536685, AI491776, AI445237, AI349004, AW151138, AI696612, AI828731, AI570989, AI500662, AW274192, AI564247, AL110402, AI499285, AL041573, AI889376, AI784252, AW268220, AL043326, AI524671, AW008048, AI921248, AI554344, AI955917, AI570909, AI648454, AI572787, AI445025, AI433037,

AL121463, AI884469, AI648684, AI612759,
AI560099, AI064830, AA835801, AL043975,
AI469532, AI500146, AI680165, AI573032,
AI872711, AW148716, AF013168, D87683, AC002096,
I89947, Y16645, AL122050, AL137550, I48979,
AL133557, I48978, AL110221, AF090943, AF017437,
AF111851, AL050393, AL117460, AL117435,
AF090934, A08916, AL122123, Y11254, AL137459,
X84990, A08913, AL049382, AF090900, AF090903,
AF118070, AL133075, AF113677, AL080124,
AF158248, AF113019, A65341, S68736, AL137527,
I89931, AL117457, I49625, AL050138, AF113694,
U42766, AF113690, AL133080, AL117585, AL050149,
AF090901, A77033, A77035, AL049452, AL122093,
X82434, AL137557, AL050116, AF146568, AF104032,
S78214, AL110196, AJ000937, AF079765, AL049314,
AF017152, AL096744, AL133016, AF078844,
AL133606, E07361, AL133640, E02349, AF113676,
AL080137, Z82022, AF125949, AF090896, X63574,
Y11587, AF113013, L31396, L31397, AF091084,
AF106862, AL050277, A08910, AF177401, AL122121,
E03348, AF183393, AF125948, AL050108, AF118064,
AF113691, AL049466, A93016, AL133560, AJ238278,
AL050146, AL110225, AL137283, AF113699,
AL117394, AL080060, AB019565, AL133565,
AL049464, AF113689, AL133093, AR059958,
AR011880, AJ242859, AL049300, AF097996, E07108,
AL049938, AL117583, U91329, AF118094, X93495,
A58524, A58523, I33392, A08909, AL122098,
AL133113, AL050024, AL049430, AL122110, U00763,
AL137271, AL137538, X70685, AL137648, I03321,
X72889, AL137463, A08912, AL080127, AL12297,
U35846, AJ012755, U80742, AF000145, X96540,
U72620, A03736, X65873, AF061943, AF067728,
AF119337, AL049283, AL080159, AL133014, X98834,
AF087943, AL133568, AL133072, AF111112,

1712	HOSBX95	877020	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 516 of SEQ ID NO:1712, b is an integer of 15 to 530, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1712, and where b is greater than or equal to a + 14.</p>	<p>AL122049, AL137521, I09360, AR000496, U39656, I42402, E08263, E08264, AL122111, AL133067, U67958, AL110197, E15569, A93350, AL137533, AL137523, AF057300, AF057299, AF026124, AF153205, U58996, AF079763, AL133077, E05822, AL137560, AL137480, AR013797, Y09972, AF026816, I26207, AL050172, S61953, AL137556, AL137526, I00734, E00617, E00717, E00778, U68387, E02221, I66342, A08911, Z37987, AC006371, Y14314, AR038969, A07647, AL110280, AL137429, AL080074, Z72491, AL137292, AL137476, Y10655, AF003737, U78525, AL080148, U96683, AL133104, AF100931, E06743, AF106827, AF159615, AF185576, X87582, I17767, A45787, AF061981, AL133558, AF111849, AL137488, AF162270, E08631, AL122118, Y07905, AF061573, AL133665, M30514, AL117440, AR038854, AC005992, AL122045, AF095901, AJ006417, E04233, AF118090, AL133098, AF081197, AR054984, AL133081, I09499, AL110222, L30117</p>
1713	HSIFP30	877022	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>AW393918, N56766</p>

1714	HE9HL05	877023	<p>is any integer between 1 to 714 of SEQ ID NO:1713, b is an integer of 15 to 728, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1713, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1581 of SEQ ID NO:1714, b is an integer of 15 to 1595, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1714, and where b is greater than or equal to a + 14.</p>	<p>AI114634, AI310154, N48237, AI040784, R96774, R91077, AA333785, AA334375, T82801, AA678184, T95816, AI678780, T96750, R91078, AA344220, R09895, T74622, T68354, N49552, AA332963, AI023306, T71511, T95519, R92515, T60367, AI791396, AW172723, AI815239, AI362332, AI249946, AA665587, AW078729, AI805769, AW265004, H42825, AI669639, AI608802, AW074274, AI702540, AI499104, AI758816, AW263799, AI886163, AI476147, AI677797, AW026633, AI816956, AI677647, AI911645, AI961622, AI250175, AA614660, AI244380, AI446124, AI492528, AI869750, AI921609, AI699154, AI270039, AI040725, AA810969, AW189003, AW087898, AI446564, AI419311, AI612723, AI627390, AI364220, AI572418, AW410769, AI628855, AI446110, AI872810, AI471424, AW150505, AI570195, AW150351, AW118457, AI694855, AI419417, AI369029, AI474427, AI568870, AW079656, AA088789, AI521128, AW168031, AI660848, AA910956, AI701948, AI589433, AI805385, AI591381, AI333552, AW263697, AI679622, AI683465, AI610645, AI952302, AI625231, AI696626, AI890714, AI347569, AI671638, AI560514, AW193020, AF209389, J04813, M18907, X12387, M14096, E02555, D31921, D00408, E02532, J04449, S53047, X90579, M13785, AF182273, L26985, X54915, U59378, AF109068, Y10214, M73992, Y11995,</p>
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1715	HWLMB91	877024	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 577 of SEQ ID NO:1715, b is an integer of 15 to 591, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1715, and where b is greater than or equal to a + 14.</p>	<p>AF204959, AF185589, D111131, S74699, S74700, L35912, I12087, AF067420, A94751, U77594, AL137561, AC004455, AF109906, U92068, A69673, A69681, U89906, AF106934, AF059612, AL133645, AR068182, AL137659, AC005284, AC007370</p> <p>AI188270, AI742085, AI167453, AW204725, R53616, R48325, AA347732, AW341017, AA579588, F35057, AA768452</p>
1716	HOVEE11	877025	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1960 of SEQ ID NO:1716, b is an integer of 15 to 1974, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1716, and where b is greater than or equal to a + 14.</p>	<p>AI762892, AI760766, AI174624, AW081757, AI824008, W94214, AI189223, AA447177, AI927354, AA443809, AI307319, AI299589, AI372949, N30895, W81043, AI934550, AA605197, AW390982, AI168782, W81079, N56763, AW374587, W72920, AI538814, AW079505, AW137328, AA629096, AI699821, AI767317</p>
1717	HCYBN69	877026	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 545 of SEQ ID NO:1717, b is an integer of</p>	<p>AA127756, AA769607, AA305740, AW403303, AA361909, D81026, D81030, C14389, D80522, C15076, D80133, D80166, D80193, D80212, D59502, D80195, D80022, D80164, AW377671, D80391, C14331, D59787, D59619, D80038, D80210, D80196, D58283, D80269, D80240, D59467, D59275, D59859, D80227, D59927, D80219, D51423, D51799, D80253,</p>

<p>15 to 559, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1717, and where b is greater than or equal to a + 14.</p>	<p>D80366, D80043, D57483, D80188, D50979, D80045, D80248, D80378, D59889, D80024, D80258, AA305409, D59610, D50995, C14429, D59627, D80251, D80241, D80268, AA305578, D51060, D59373, D51022, C06015, AA514188, C75259, AW177440, D80014, D80439, D80302, C14014, AW360811, AW178893, AA514186, D80247, T03269, D80132, AW375405, T02974, D80157, AW179328, D51213, D59503, AW178983, AW378532, AW366296, C14227, C14077, AW360844, D58101, AW360817, AW375406, AW377676, D51103, AW378534, AW179332, AW377672, AW177501, AW179023, C05695, AW178905, AW177511, AW137066, AW178906, D80064, D81111, AW178762, D80134, D51250, D51759, AW176467, AW352171, AW352170, D58253, AW360834, AW177731, AW178775, AW178907, AW378528, AW179019, AW179024, AW369651, AW367967, AW352158, AW177505, AW360841, AW352117, AI243347, AW179020, AI239543, AW178909, AW177456, AW179329, AW178980, AW178914, AW177733, AW178908, AW178754, AW179018, F13647, T48593, C14407, D59653, AW179004, AW179012, AW178774, AW378525, AW352163, AI910186, AW352120, AW352174, AA805151, C14298, D45260, D80168, AW179009, AI905856, AW178911, AW378543, AW177722, AW177728, C03092, D58246, AW378540, AW378539, AW367950, AI557751, AI525923, AA809122, H67854, T11417, H67866, AW178781, AW177508, AI557774, T03116, D59695, D59317, D80949, AI525917, Z21582, AI535850, AW178986, AW177497, D45273, D52291, AW177723, C14344, AI535686, D59474, AW179011, D59551, C14973, AA514184, AW378533, AA285331, D51221, T03048, AI525920, AW177734, D60010, D60214, AI525227, D51097, D51079, C14957, C14046, AI525925, AI525242, AI525235, AI525222, AI525912,</p>
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1718	HWLWN2 4	877027	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 820 of SEQ ID NO:1718, b is an integer of 15 to 834, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1718, and where b is greater than or equal to a + 14.</p>	AI525215, AW378542, C13958, C16955, C05763, Z33452, AC005035, AB013385, AL137755, AF096300, AB014587, U88984, A84916, AR018138, AJ132110, A62300, A62298, AF058696, AB028859, AR008278, A82595, A67220, AR060385, AB002449, X67155, Y17188, D26022, A25909, Y12724, D89785, A78862, D34614, A94995, D88547, AR008443, I50126, I50132, I50128, I50133, I82448, X82626, AR016808, AR066488, AR016514, AR060138, A45456, I14842, A26615, AR052274, AR038669, AR025207, Y09669, A43192, A43190, AR066487, A30438, AR054175, D50010, AR066490, Y17187, I18367, A63261, AR008277, AR008281, AR008408, AR062872, A70867, AR016691, AR016690, U46128, AB012117, D13509, X68127, I79511, A64136, A68321, AR060133, A85396, D88507, AR066482, A44171, A85477, I19525, A86792, X93549, U79457, AF123263, X72378, AR032065, AR008382, AI301935, AI760340, AI921888, N30193, AA748734, AI743279, AI284147, AA648777, AW304324, AI916877, AA732729, AA971316, AI218098, AA993916, AA504339, R66801, AA648769, R67901, N40188, R27573, R27672, AI802542, AW403717, AI440239, AI919345, AI612913, AI619502, AI564719, AL048656, AL040243, AW026882, AI433157, AL047763, AI270055, AI499393, AI249497, AI445025, AL045500, AI475371, AI811344, AI539771, AI635942, AI912288, AI934011, AI560099, AW104724, AW071417, AW129659, AI805638, AI521012, AI702433, AW103371, AL119863, AI889376, AI648663, AI868831, AI569583, AW169653, AW150578, AL047042, AI884469, AI637584, AI499131, AI625079, AW082040, AL119791, AI497733, AI635461, AI318280, AI445432, AI340627, AI536685, AI587114, AL043293, AI954183,
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	AI687728, AW302988, AI815855, AI524671, AI590021, AI207510, AI539780, AI610645, AI620284, AI818683, AI273142, AW169671, AI687127, AW301409, AI573032, AI687362, AW090013, AI866608, AL036361, AI682971, AI633419, AI921248, AI469532, AI498579, AI866002, AI433976, AI828731, AW166970, AI580190, AI432969, AW102785, AI612759, AL049085, AI696398, AI571909, AI677796, AI799470, AI909697, AL045163, AI636719, AI539153, AA640779, AW238730, AI439745, AI471712, AL121463, AA572758, AI702073, AL036802, AI926790, AI591316, AI952360, AW268220, AI654750, AW020693, AI340603, AI697137, AI537677, AI922901, AI349004, AI312428, AW075667, AI815232, AI269696, AI888501, AI812107, AI800453, AI340582, AI800433, Z99428, AI888953, AI567128, AW075413, AI570781, AI567993, AI349645, AW074869, AI590120, AW149227, AL036274, AI345131, AW087534, AI309401, AW103893, AI561299, AL036403, AW148408, AI343112, AL121014, AI284517, AW071349, AI207572, AL121270, AW301300, AI349598, AL036664, AW075207, AI636456, AI648684, AW151136, AI345735, AI554427, AL036396, AI536638, AI349933, AI250293, AI524526, AL047041, AL038565, AL036980, AI445165, AI348897, AA427700, AW148716, AI702406, AI174394, AL041573, AI313320, AL038605, AI610690, AI500077, AW302992, AW089572, AI609594, AI862144, AI312146, AI312339, AI284131, AI269862, AI366549, AW086113, AI869367, AI520785, AI887396, AI610307, AW268251, AW268253, AI887659, AL036146, AW301505, AI753683, AA835801, AL045266, AL079963, AI434281,

1719	HOSOZ37	877029	Preferably excluded from the	AI636585, AI439762, AL036631, AI538716, AI934035, AI799199, AI537303, AI800185, AL041772, AI783504, AL036214, AW149311, AW148320, AW087445, AA470491, AI828682, AI349772, AI224992, AW088903, AA225339, AI909641, AI281773, AL041150, AI690312, AW022682, AI567351, AW074993, AW302965, AI784252, AC006313, I48979, I89947, S68736, AF125948, AF104032, AF090934, U42766, AC006222, AL133640, AF017152, AF090903, AL117457, A08916, AL050149, AF090943, AL117460, AF090901, AF090900, AL050116, I48978, X84990, AL133606, AF118070, AF113013, S78214, A08913, I89931, AL137459, AL122093, AL050277, Z82250, AF078844, AL110221, Y16645, AF118064, AL122050, AF177401, AF113694, AL049452, AL133557, AF113690, AF113019, AF113677, Y11587, AL080137, AL122123, AF113699, AL133016, E03348, AF113689, AL049430, AR059958, AF158248, AF146568, AC006482, AL122121, AL137557, I49625, AL133075, Y11254, AL050108, AL110196, AL049314, AJ000937, AL133080, AF125949, AL050393, AL133565, X63574, AF106862, AL080060, A08910, A93016, AL049938, AL050024, E04233, X70685, AF113691, AL096744, AL133560, AL050146, AL137527, AR011880, AL137283, AJ242859, AL080124, AF090896, AL049382, AF111851, AF113676, AL117394, AB019565, AL049466, AL133093, A65341, AJ238278, U00763, AF091084, I03321, AF097996, AL049464, A08909, X96540, AC006501, L31396, AL110225, L31397, AL122110, AL117583, X72889, E07361, X82434, AL117585, AL133113, X65873, AL137521, AF017437, AL137550, AL050138, AL117435, AF079765, U91329, A58524, A58523, AL049283, E07108, AF087943, E02349 AA452295, AI700341, AA039713, AW274555,
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1720	HCROD37	877030	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 792 of SEQ ID NO:1719, b is an integer of 15 to 806, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1719, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 491 of SEQ ID NO:1720, b is an integer of 15 to 505, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1720, and where b is greater than or equal to a + 14.</p>	<p>AW118151, AI684403, AI040232, AI435785, AW023346, AA039712, AI932286, AI089086, AW021748, AA582100, AW020316, AW300014, AA886794, AI492312, AI492311, AL034350</p>
1721	H2LAF20	877031	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 665 of SEQ ID NO:1721, b is an integer of 15 to 679, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1721, and where b is greater than or equal to a + 14.</p>	<p>AI474074, AA313945, AW382674, AI475856, D81026, D80522, D80166, D59619, D80210, D80240, D80133, C14389, D81030, D80219, D51423, AA305409, D80195, D80212, D59859, AW377671, D51799, D80253, D80164, D80251, D58283, D80022, D80248, D50979, D80193, D80188, C14331, D80391, D59787, D59502, D59467, D59275, D80043, D80227, D59610, D57483, D80366, D80196, D59889, C15076, D80024, D80038, D59927, AA305578, D51060, D80269, D51022, D50995, AA514186, D80241, D80045, D80378, AW177440, C14014, AA514188, C14429, AW178893, AW360811, D59373, T03269, T11417, C75259, AW179328, C14077, AW375405, C05695,</p>

D80132, AW378532, D80268, AW366296, AW360844, AW360817, AW177501, AW375406, AW177511, D80439, AW378534, D80302, AW179332, AW377672, AW179023, AW178905, D80134, AW178762, D58253, D51250, AW178980, AW178775, AW352171, AW377676, AW352170, AW177731, D80247, AW178907, AW369651, AW179019, AW179024, D59627, D80258, AW352158, AW177505, AW352117, AW178906, AW176467, AW179020, AW360841, C06015, AW178909, AW177456, AW179329, AI910186, AW177733, AW378528, AW178908, AW178754, AW179018, AW352174, F13647, D80157, AW179004, D58246, D58101, AW179012, AI738909, AW178914, D80014, AW378525, D51103, AW367967, D51759, D51213, AW378543, D59503, AW177728, AI905856, AW179009, AW178774, AW178911, AW177722, AW352163, D80064, D59653, Z21582, AW360834, AW178983, D81111, AW178781, T48593, AW378540, D45260, C14227, AW177723, AW352120, T02974, C14975, H67854, H67866, AI535850, AA285331, AW378533, AW367950, D51097, C14298, C03092, AA809122, AW177508, AI525923, C14407, T03116, D51221, AI525917, D80228, AW178986, AW177497, D59317, AI557774, D59474, D45273, C14973, AW177734, AI557751, AI525920, C14344, D50981, AA514184, AI525215, AW378539, AW270229, D60010, C14957, D80168, AI535686, AI525235, D59551, D60214, AI525227, C14046, D80949, AI525912, T03048, D59695, AI525222, AI525242, D52291, AW378542, AI525925, D51079, D51053, C16955, AI535961, C05763, Z33452, H67858, Z30160, AF067806, AF056490, AR008278, A62298, AR018138, A84916, A62300, AJ132110, AF058696, AB028859, X67155, Y17188, D26022, A25909, Y12724, A67220, D89785, A78862, D34614, A82595, D88547, AR060385, A94995, X82626, AR008443, AB002449, AR025207, I50126, I50132,

1722	HCROD15	877032	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 605 of SEQ ID NO:1722, b is an integer of 15 to 619, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1722, and where b is greater than or equal to a + 14.</p>	<p>I50128, I50133, AR066488, AR016514, AR060138, A45456, A26615, AR052274, Y09669, A43192, A43190, AR038669, AR066490, A30438, AR066487, AR016691, AR016690, U46128, AB012117, I18367, I14842, AR054175, D50010, Y17187, X68127, AR008277, AR008281, A63261, A85396, D88507, AR066482, A44171, A85477, AR008408, I19525, A86792, AR062872, A70867, X93549, D13509, A64136, A68321, AR060133, I79511, U79457, AF123263, AR032065, AR008382</p>
1723	HS2SG18	877034	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 838 of SEQ ID NO:1723, b is an integer of 15 to 852, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1723, and where b is greater than or equal to a + 14.</p>	<p>AA307890</p>
1724	HMCHW1 2	877037	<p>Preferably excluded from the present invention are one or more</p>	<p>AA633529, AA307645, AL137945, R78416, AA143592, AA699829, AA130430, R23973, AA204937, T58303,</p>

		<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 683 of SEQ ID NO:1724, b is an integer of 15 to 697, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1724, and where b is greater than or equal to a + 14.</p>	AA205080, AI581369, AA130456, H03662, R77222, C05254, H75671, H70965, AA134504, AI733734, AA133084, AI733757, AA088546, AA553526, AA843823, AW392930, AI522161, AA055592, R66492, R31147, AI820789, AI732411, T92637, H39731, W38856, AI499378, AA151971, AI940502, AA085899, AA224498, AA479719, AA100721, AP000365, M27826, AL050348, AL035419, AC005276, AL121782, AL080316, AC007617, AC010168, AC008069, AC000064, AC002984, AB020874, AC007401, AC007566, AC005150, AC005145, AC007022, AL035067, AC000114, AC007685, AC005549, AC007207, AC006146, AL031767, AC008072, AC002530, AF130342, AL035408, AC002066, AC007681, AC008134, Z92543, AJ133269, AC005386, AL049546, AC004998, D11078, AC004986, AL035698, AC006502, AL031256, AC004823, AC007876, AC005090, AC004514, AC005837, AC003013, AL009031, AC007463, AC009946, AC006364, AC007250, AC005410, AC004875, AL109620, M18048, Z82210, AL139054, AL022068, AL121718, AC007381, AL049872, AF118808, AC005699, AL031671, AL023877, AC005036, AL009050, AC003009, AL034409, AC004925, AC007870, AC004768, AC004456, AL133224, AF146191, AF212831, AC005307, AF053936, Z71183, AC012380, AC007486, AC007537, AC004072, AL133321, AC003078, AC007450, AB020871, AL021327, U80460, AC008062, AC007106, AL021940, AF070717, AL024495, AC004103, AC005234, AC004025, AC004817, Z78021, AF049895, AC006382, Z95327, AL031073, AL117327, AC005392, AC007001, AL035610, AC002384, U95626, AC007785, Z99495, AL109809, AF149773, AF068862, AC005102, AC005154, AL050339, AC004835, AL034452, AC005531, AC005576, AC004915, AL109967, AC004617, AP000230, AP000144,
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1725	HWLVSS2	877043	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 454 of SEQ ID NO:1725, b is an integer of 15 to 468, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1725, and where b is greater than or equal to a + 14.</p>	<p>AL022318, AC004858, AC007276, AF109907, AC004510, AC011604, AC005723, AL079352, AC002326, AL132987, AF011889, AL049544, AP000013, AP000155, AL050325, AC007182, AL035690, AC006582, AC004924, AC007447, Z76735, AC006459, D87055, AC004472, AP000501, AC005002, AF205592, AC005686, AL133371, AF026248, AF026254, AF026249, AL022330, AC004032, AF108842, AF110315, AF108841, AF108843, AC007280, Z83818, AL034350, D10083, AC003007, AC005632, AF064074, AF064073, AC007556, AC004889</p>
1726	HCRPG56	877044	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 468 of SEQ ID NO:1726, b is an integer of 15 to 482, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1726, and where b is greater than or equal to a + 14.</p>	<p>N23653, AI608674, AC006432, AC009533, AC008013</p>
1727	HTAHC75	877046	<p>Preferably excluded from the</p>	<p>AI916318, AI698170, AI346506, AA481006,</p>

1728	HCRPH26	877047	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1883 of SEQ ID NO:1727, b is an integer of 15 to 1897, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1727, and where b is greater than or equal to a + 14.</p>	<p>AW006462, AI808371, AI492123, AI860659, AW083792, AI298294, AI377296, AI299866, AI143985, AI832385, T66213, AA315944, AA774467, AA481745, AA745359, N78840, AA744416, AA035644, AW236811, AI693629, AI299645, R54532, AA987358, AA745453, AW136153, AI889513, AI917565, H28998, AI459849, R55684, R99148, AA975345, R45317, H08045, AA992883, AI122963, AA987223, H18288, AI681364, R55685, F09827, H46943, AW418590, R88200, AI745480, H48447, AA744390, Z45158, AW192055, AA972155, R14680, F04052, AA827984, F12197, H26802, T29943, AA295772, R38093, AI290682, AL047550, T07816, AA355247, H07939, H69808, R38173, T85773, R54435, AA508768, AI382544, R20497, AI984917, AW294367, AA090326, H51338, F11088, AA916514, T77104, R42403, N84369, T66146, AI910252, AI127423, AW131840, AA702500, AA300937, AF007155, AA508781</p>
1728	HCRPH26	877047	<p>preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 509 of SEQ ID NO:1728, b is an integer of 15 to 523, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1728, and where b is greater than or equal to a + 14.</p>	<p>AF118076</p>
1729	HWLWL67	877049	<p>preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 204 of</p>	<p>AI375746, AI620255, AI739424, AW008095, N64373, AA628778, AI827544, AI246150, AA977500, AA779757, AI216037, AA724806, AI143969, AI740635, AA953515, AA938880, AA421570, AA971965, AA010881, AI352432, AA410372, AW082274, AA129683, AI699673, AI807260,</p>

1730	HOSDU39	877050	<p>SEQ ID NO:1729, b is an integer of 15 to 218, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1729, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 566 of SEQ ID NO:1730, b is an integer of 15 to 580, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1730, and where b is greater than or equal to a + 14.</p>	<p>AI375466, AI633645, AA588195, AA670218, AA487274, N64317, AW118102, AA449233, AL133312</p>
1731	HCROS68	877051	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 623 of SEQ ID NO:1731, b is an integer of 15 to 637, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1731, and where b is greater than or equal to a + 14.</p>	<p>AI940522, AC007688</p>
1732	HWLRT47	877052	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 409 of</p>	<p>AA676521</p>

1733	HCRPN44	877056	<p>SEQ ID NO:1732, b is an integer of 15 to 423, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1732, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1267 of SEQ ID NO:1733, b is an integer of 15 to 1281, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1733, and where b is greater than or equal to a + 14.</p>	<p>AI814630, AI659745, AI337185, AI476215, AW014950, W90223, AI683180, AI040605, AI052156, AW419172, N20981, N92247, AI583402, N51526, H64280, H64281, H21597, AW117231, W37142, W47567, H65040, Z40718, H65039, W86558, W90127, W47547, AI572195, W86559, R08722, R08628, M79050, R16990, AA002167, AC005736, AB011092, AC007151, T87129, T99488, R87793, H50980, H66212, H66857, N30250, W15238, W15419, AA024406, AA076483, AA099706, AA513421, AA535580, AA593084, AA593075, AA639881, AA766869, AA809957, AA828815, AA922533, AA705190, AA775052, AA854917, AI085171, AA952891, AA952941, AI307637, AI348056, AI203039, AI380800, AI473584, AI571026, AI424140, AI219098, AI659256, AI636785, AI338942</p>
1734	HCRPD33	877057	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 261 of SEQ ID NO:1734, b is an integer of 15 to 275, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1734, and where b is greater than or equal to a + 14.</p>	<p>AI167356, AL049670, AL021397</p>
1735	HCRPE57	877058	<p>Preferably excluded from the present invention are one or more</p>	<p>AA989345, AI624083, D61985, N67616</p>

1736	HCRNJ46	877059	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1017 of SEQ ID NO:1735, b is an integer of 15 to 1031, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1735, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 324 of SEQ ID NO:1736, b is an integer of 15 to 338, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1736, and where b is greater than or equal to a + 14.</p>	
1737	HWLRC59	877063	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 412 of SEQ ID NO:1737, b is an integer of 15 to 426, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1737, and where b is greater than or equal to a + 14.</p>	<p>AA984838, F12786, AA224052, T75215, T77343, AC005919</p>
1738	HLHCD08	877065	<p>Preferably excluded from the present invention are one or more</p>	<p>AA195002, AA194815, AI916670, AW440382, AI884584, AA843585, AI653656, AW130944,</p>

1739	HWLVE77	877066	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 778 of SEQ ID NO:1738, b is an integer of 15 to 792, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1738, and where b is greater than or equal to a + 14.</p>	<p>AW303456, AA456790, AI051183, AW152159, AA130046, R79256, AW439608, H22118, AA134040, T18594, H44350, AI784396, R76637, T79450, T79540, T97240, T97241, R51919, AW079574, C00464, AI699839, AI689564, AL046171, AI702873, R79157, AI905847, AA129873, AA356980, AA351418, T09084, AW248101, AI929724, AI815427, W27745, D85131, M94046, AB017335, M93339, U33819</p>
1740	HCROJ64	877067	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 454 of SEQ ID NO:1739, b is an integer of 15 to 468, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1739, and where b is greater than or equal to a + 14.</p>	N53758
1741	HWLQM0 5	877068	<p>Preferably excluded from the present invention are one or more</p>	

1742	HCRPW24	877069	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 471 of SEQ ID NO:1741, b is an integer of 15 to 485, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1741, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 398 of SEQ ID NO:1742, b is an integer of 15 to 412, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1742, and where b is greater than or equal to a + 14.</p>	AC004540	
1743	HOCTA26	877070	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 380 of SEQ ID NO:1743, b is an integer of 15 to 394, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1743, and where b is greater than or equal to a + 14.</p>	AA906013, AW392670, U46347, Z99396, AW363220, AW384394, AW372827, AL119484, AL119457, AL119319, AL119363, AL119497, AL119324, AL119391, AL119355, AL119341, AL119483, AL119443, AL119522, AL043003, U46351, U46349, AL119439, AL119444, U46350, U46341, AL119396, AL119335, AL119496, AL134533, AL134528, AL037205, U46346, AL119418, AL043033, AL042614, AL134153, AL134531, AL042984, AL042965, AL042975, AL119399, AL134538, U46345, AL042450, AL134542, AL042544, AL043019, AL043029, AL042542, AL134132, AL042551, AL043147, AL119304, AL119464, AC015853, AR060234, A81671, AR066494, AB026436, AR054110, AR069079	

1744	HBKDB96	877071	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 939 of SEQ ID NO:1744, b is an integer of 15 to 953, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1744, and where b is greater than or equal to a + 14.</p>	<p>AA812993, AI368842, AI022649, AI084815, AA931328, AI392998, AI287567, AI493596, AI278360, H16208, AW375190, H91009, AW375161, AW375154, AW375158, H90897, H16209, AW375149, AW418706, AW385279</p>
1745	HCRPE30	877073	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 378 of SEQ ID NO:1745, b is an integer of 15 to 392, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1745, and where b is greater than or equal to a + 14.</p>	<p>AB014604, AC003093</p>
1746	HKGAW02	877075	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 519 of SEQ ID NO:1746, b is an integer of 15 to 533, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1746, and where b is greater than or equal to a + 14.</p>	<p>AA935168, AA398801, AL119484, AL134524, AL119418</p>

1747	HCQCD93	877079	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 237 of SEQ ID NO:1747, b is an integer of 15 to 251, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1747, and where b is greater than or equal to a + 14.</p>	AI434772
1748	HOCTD62	877080	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 341 of SEQ ID NO:1748, b is an integer of 15 to 355, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1748, and where b is greater than or equal to a + 14.</p>	
1749	HE8PC46	877083	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 818 of SEQ ID NO:1749, b is an integer of 15 to 832, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1749, and where b is greater than or equal to a + 14.</p>	<p>R13359, H08041, AF010245, AW156983, H29189, Z46132, T16980, AI879608, AW402188, AA348764, R34542, R61072, H23510, AA436740, N36381, AI929579, AI879056, AI816318, AL137450</p>

1750	HWLQMS ₃	877087	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 470 of SEQ ID NO:1750, b is an integer of 15 to 484, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1750, and where b is greater than or equal to a + 14.</p>	<p>AW369563, AI674814, AA767616, AA761971, AA465292, AA204693</p>
1751	HTLGE26	877088	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 758 of SEQ ID NO:1751, b is an integer of 15 to 772, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1751, and where b is greater than or equal to a + 14.</p>	<p>AI285916, AI025315, AP000553, AC009516</p>
1752	HCFDE85	877092	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 370 of SEQ ID NO:1752, b is an integer of 15 to 384, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1752, and where b is greater than or equal to a + 14.</p>	

1753	HFEAH85	877093	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 208 of SEQ ID NO:1753, b is an integer of 15 to 222, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1753, and where b is greater than or equal to a + 14.	AI950320, AA340023
1754	HE8QT45	877094	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 636 of SEQ ID NO:1754, b is an integer of 15 to 650, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1754, and where b is greater than or equal to a + 14.	AI052389, AI761986, AW057796, AI656751, AW152082, AI126366, AI125599, AA452171, AI687797, AW023851, AA406351, AI431689, AA778840, AA993437, AI128983, AA565214, AI693581, AI254753, AI285759, AW020705, AI762885, N92604, AI193254, AI003334, C16412, C16192, AA226919, AA479128, AI536542, H08761, AA706764, R85597, T10616, AI933471, AI250282, AW160916, AI440238, AW151132, AI372041, AL040011, AA731417, AA806605, AA641818, AW194014, AA938181, AI932739, AW020164, AI345688, AI813538, AA829402, AI431507, AI890907, AW080157, AI963101, AI279925, AI560198, AW167340, AW151974, AI473536, AI963346, AI244329, N63128, AI350489, AI635634, AA609644, AI627339, AI499057, AI690813, AI581053, AI866469, AI955441, AW021373, AA282824, AI799313, AI609409, AA810226, AI918449, AI699029, AW189548, AW058304, AI828676, AI659041, AI918809, AA065052, AL134828, C21335, AI357644, AI348821, AI590043, AI866770, AI399759, AI636507, AA767924, AA814517, AI289791, AI421662, AW082532, AA761557, AA743474, AA836665, AI628850,

1755	HWLQL84	877095	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 546 of</p>	<p>AI919516, AW088546, AI590755, W48671, AL119863, AL039508, AI241923, AL079963, AI446373, AA934912, AI884574, AL048499, AI865189, AI581033, AW148544, AW079996, AA811736, AI673278, AW078818, AW409793, AI954504, AW002727, AI859991, AI688381, AW406745, AW021717, AW196720, AI915291, AW152182, AI950729, AI472487, AW023072, AI921915, AI582932, AI609191, AI872423, AI619820, AI434731, AI524179, AI800370, AI521560, AI889189, AW075382, N52016, AW089844, AI648494, AI678623, AI273886, AW104141, AW029457, AL022334, AR050959, S75997, AF100931, AF141289, AF183393, AI8777, AL133619, AF039138, AF039137, A08910, A08909, AF103804, AL110269, AB020777, X60769, A08908, X84990, AL137284, U73682, X66113, AR038854, AB031064, E05822, U37359, AL050366, AF000167, A76337, AC005091, AF098162, AF067790, AL137537, AL050155, AR053103, I48978, X55761, AF036941, Y13653, I89947, I33392, AC010077, AF026816, I80062, X83544, I22020, M85164, X99270, AF044323, X66366, AF102578, X01775, AI8788, X80340, AC006288, AL133565, AL137479, A60092, A60094, AF031572, AC004383, S78214, Z49216, X55446, AF068229, AC005992, U76377, I77092, D55641, X87582, AL080227, X99971, AL030998, A65340, AL122116, A77033, A77035, AL122104, AL137271, E03168, AF184965, AF195092, X93328, AL137716, AC005296, A86558, AF038847, AL137554, AF043493, AL110158, AF042090, W79030, AC005486</p>
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1756	HCQCP82	877096	SEQ ID NO:1755, b is an integer of 15 to 560, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1755, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 275 of SEQ ID NO:1756, b is an integer of 15 to 289, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1756, and where b is greater than or equal to a + 14.	AA193032	
1757	HCRMW8 0	877097	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 476 of SEQ ID NO:1757, b is an integer of 15 to 490, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1757, and where b is greater than or equal to a + 14.	AI902587, AL110283	
1758	HSIGL73	877098	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 841 of	AW083100, AI206576, H43346, AA095182, H43308, AA248302, AI537677, AI345416, AI345612, AI345415, AL134830, AI802542, AW051258, AL079963, AI677796, AI569583, AI801793, AI619502, AW198090, AI433157, AI702073, AI633125, AI334445, AW163464, AI254727,	

			SEQ ID NO:1758, b is an integer of 15 to 855, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1758, and where b is greater than or equal to a + 14.	AA225339, AW071417, AI499285, AI269862, AI863241, AI886753, AI564719, AI521012, AW026882, AL119863, AL036736, AW148716, AW161579, AI340603, AW090071, AI554245, AW160916, AL046200, AI358701, AI611738, AI284131, AI445025, AI536638, AW073865, AI636588, AA640779, AI687362, AI954183, AW300782, AI571909, AI887659, AW300889, AI500077, AW117746, AI921248, AL040243, AI632408, AI627360, AI873644, AI933589, AI682743, AI783504, AI620284, AL039086, AL120307, AI637584, AI919534, AI612885, AI815232, AW163823, AW129659, AI697324, AI284517, AI670009, AL038069, AW169653, AW104724, AI612913, AI801325, AI500523, AI446373, AL037454, AI926790, AI521560, AI500662, AW090013, AW023590, AW104827, AI890833, AI348897, AI491852, AI475371, AI627988, AI520862, AW190194, AL036403, AI567128, AW148363, AI283760, AA427700, AI284484, AL036274, AI699865, AL036631, AI798456, AI524671, AI207510, AW301409, AI812107, AI886124, AL036980, AW150578, AI679504, AI440239, AW080402, AL045500, AW118518, AW075667, AL043293, AI815855, AW148408, AL036396, AI702068, AW020561, AL038605, AI866770, AI559296, AA572758, AL040241, AW193530, AW073270, AI587114, AI610690, AI312428, AI469532, AI815237, AI866801, AI536685, AI468872, AW268220, AI805603, AI340519, AW166970, AL120853, AI349645, AI932794, AI500706, AI439745, AW089572, AI648509, AI590120, AW087207, AL110306, AI433976, AI862144, AI249323, AI280747, AI934259, AI696398, AW087445, AI929108, AA470491, AW081298, AW020693,

1759	HHEYT40	877099	<p>AW105601, AW193911, AI620866, AI306613, AI274541, AI609375, AI567612, AW022808, AL036802, AI270055, AI174394, AI554186, AW129916, AI613270, AI633330, AI874166, AI625079, AI683585, AL047763, AW132056, AW169527, AI335426, AI348777, AI270099, AI862139, AI355827, AI475394, AI285448, AI687065, AI686576, AA806720, AI871697, AW403717, AI682971, AL036361, N33175, AI889376, AI923989, AW152459, AI636585, AI439717, AL119791, AI635461, AI433384, AI923370, AI345131, AI591075, AI567351, AW074993, AW302965, AI431424, AI349614, AW193134, AI343112, AI954422, AI434468, AI499986, AW268083, AI572787, AW268253, AI537515, AI281772, AL045266, AI254731, AI349598, AI934011, AI312152, AI872545, AI570807, AI686817, AI247293, AL041772, AI345735, AI819326, AW078839, AI539771, AW075084, AI818977, AI784252, Z83839, L29339, AF042090, AC004057, AL032822, AC004470, AL080239, AC018767, AC006197, AC004554, AC004808, AC006313, AC002454, AF090900, AL133560, AF090934, AL137271, I48978, I89947, A08916, AL133557, AL117460, AL049382, AJ000937, AL049314, AF111851, AC002480, A08913</p> <p>AA313905, AW392670, AL119319, AL119496, U46350, AW372827, U46349, AL119399, AL119363, AL134518, AL119443, AW363220, AW384394, U46346, U46341, AL119497, U46347, AL134524, AL119335, AL134528, U46351, AL042850, AL119457, AL119522, AL134920, AL119484, AL119391, AL119324, AL119444, Z99396, AL119355, AL119483, U46345, AL134538, AL119439, AL043037, AL042970, AL037205, AB026436, A81671, AR054110, AR060234, AR066494</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 679 of SEQ ID NO:1759, b is an integer of 15 to 693, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>

1760	HDQHQ51	877101	<p>NO:1759, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2712 of SEQ ID NO:1760, b is an integer of 15 to 2726, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1760, and where b is greater than or equal to a + 14.</p>	<p>AW405179, AA278430, AI951459, AW130135, AA437355, AA427621, AW183077, AW044380, AI038334, AI540554, AI224500, AA256905, AW440059, AA702920, AI269240, AA662464, AA129087, AI042498, AW401902, AI865421, AA129086, AI023674, AA670374, U51141, AI355031, AA255481, AA600233, AA983314, AA661749, AA278961, AI286001, AW237708, AA512902, R16374, AI000189, AA872607, Z39825, AW338997</p>
1761	HODGR31	877104	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1019 of SEQ ID NO:1761, b is an integer of 15 to 1033, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1761, and where b is greater than or equal to a + 14.</p>	<p>AI701474, AI141563, AA805242, AW151887, AW172894, AI342500, N26482, AI990393, AW275998, AL120029, AI367540, AA905238, AA767195, AA633403, N25228, AA811725, Z39323, N29704, H17935, W05575, N70530, AA766858, AL118631, N98948, AI701701, N66665, AA737077, AB007917</p>
1762	HWLWB9 2	877105	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 607 of SEQ ID NO:1762, b is an integer of 15 to 621, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AA167624, AA688144, AA016314, AI499580, AI925014, AA808419, AI081193, AA194836, AA125835, AW419229, AA252083, AA461554, AI500464, AA557634, AI208183, AA988570, AA687098, W33019, AA876407, AW007949, F34751, AA492322, AA908820, R37941, T23517, AA844143, N73484, AA488062</p>

1763	HWLRD79	877106	<p>NO:1762, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 722 of SEQ ID NO:1763, b is an integer of 15 to 736, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1763, and where b is greater than or equal to a + 14.</p>	<p>AA465383, H51960, AA393998, AI300310, AI017609, AI017517, AI819082, AW088106, AW264111, AI446796, AA767844, AI538119, AI583021, AW151792, AW168958, AI252808, T79312, AA429868, AA971656, AI358328, AI039023, AW002810, AW028426, AI336255, AW238738, N64679, AA604414, N64391, AI275601, AA437374, AW003543, H93076, AI962621, AI148567, AA904883, AW194543, F01936, AI674414, AI419876, AI339747, AW299722, C00822, AA661775, T27646, AI473622, AI473612, AL042432, AA775934, AA700143, X63546, I76205, AJ012755</p>
1764	HWLOW7 2	877110	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1357 of SEQ ID NO:1764, b is an integer of 15 to 1371, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1764, and where b is greater than or equal to a + 14.</p>	<p>AA046439, AW243397, AA211360, AA974447, AI128724, AI990335, AA456529, AI655816, H39555, AI479968, AI283132, AI926934, AA534329, AA019380, AI961572, AA011475, AI089295, AI446563, AI807997, AA872374, AI798452, AA256606, AA936249, AI393572, H25408, AW016511, C01415, H28374, AA516090, R43067, AI991488, AA455164, AI217649, AA730296, AI216786, AI357214, AI961183, AI537981, AI203429, AI261590, AI093989, AI950123, R46342, AI803504, AI017015, AA425610, AA535732, AI922416, N21542, AI805514, R35671, R35782, Z38679, AA258077, AI092478, AW170513, AI382468, AA971129, AA455366, AA430349, AA090871</p>
1765	HUSGT72	877111	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 752 of SEQ ID NO:1765, b is an integer of 15 to 766, where both a and b</p>	<p>AA021634, AW028333, AI203234</p>

1766	HPWBM91	877112	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1765, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 722 of SEQ ID NO:1766, b is an integer of 15 to 736, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1766, and where b is greater than or equal to a + 14.</p>	AA496246, AI760599, AI371734, AA476481, AA496245, AI955212, AI802040, AA628734, AA476480, AI369165, AI094501, AA744975, AI609830, AI810354, AI420545, AI381025, AI380020, AI675503, AI439413, AI474428, AI784364, AI832169, AA886089, AI362418, AA505488, AA554685, AA812608, AI125614, AA886622, AW389951, AI885739, AA215595, AW389969, AI000868, AF165185, AF172328
1767	HWLVB03	877114	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1767, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 507 of SEQ ID NO:1767, b is an integer of 15 to 521, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1767, and where b is greater than or equal to a + 14.</p>	AA112413, AI879634, AI625669, AA287717, AI027610, AI951403, N51076, AI218397, N72114, AI924949, AI278323, AI076224, AI921374, AI910849, AI263735, N25730, AI932387, AW269315, AI221583, AA806202, AI634635, AI357102, AI761994, AI272043, AI298937, AI685902, AI765676, AW298266, AA768195, AI742632, AI825896, AI682622, AA771945, AI367152, AA884764, AW418760, AA897114, AA704188, AA765915, W68725, AI434324, AI075318, AI695150, AA287716, AI424445, N50945, AA127273, H52538, AL037272, AA665059, AW340854, AA279150, H10181, R43600, AA554232, R49161, AI142249, AI003234, R43464, AW365070, AW079259, Z38935, F03815, AW364640, R40549, AI567606, AA788798, AW168090, AA127272, AL119457, AL119324, AL042544, AW383064, AA724943, AL119464, AL119443, AW392670, AL119439, AL119335, AL119355, AL042450, AL042542, U46349, AL134542, AI433107, AL042984, AL043029, U46350, AL043033, AL119497,

1768	HJAM74	877119	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 439 of SEQ ID NO:1768, b is an integer of 15 to 453, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1768, and where b is greater than or equal to a + 14.</p>	<p>AL119319, AL042433, AL042965, AL042975, AL119483, U46341, AW372827, AL042614, AL119484, AL119363, AL119391, AL119444, AW363220, U46347, AW384394, U46351, Z99396, AL134528, AL043011, AL043019, AL043003, U46346, AR060234, AR066494, A81671, AR054110, AB026436</p> <p>AA026806, AI243595</p>
1769	HHME78	877120	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 622 of SEQ ID NO:1769, b is an integer of 15 to 636, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1769, and where b is greater than or equal to a + 14.</p>	<p>AA215535, AA453055, Z99396, AL119522, AW392670, AW384394, AW372827, AW363220, AL119497, AL119335, AL119443, AL119319, U46349, AL119483, U46350, AL119457, AL119324, U46341, AL119484, AL119363, AL119391, AL036418, AL038837, AL119341, AL119355, U46351, AL119496, AL119396, AL037051, AL036725, AA631969, AL036858, U46346, AL119418, AL134524, AL042614, AL119444, U46347, AL134528, AL042975, AL038509, AL039074, AL119439, AL037205, U46345, AL134518, AL036924, AL042965, AL119399, AL134533, AL042970, AI142137, AL042984, AL119488, AL042551, AL134538, AL037094, AL037082, AL037526, AL042450, AL036196, AL037077, AL037639, AL037085, AL039564, AL042544, AL043019, AL042995, AL043029, AL134542, AL042542, AL042896, AL036767, AL036190, AL043003, AL036268, AL038851, AL038520, AL038447,</p>

1770	HCYBI73	877121	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 629 of SEQ ID NO:1770, b is an integer of 15 to 643, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1770, and where b is greater than or equal to a + 14.</p>	AL119464, AL036774, AL036733, AL036998, AL037178, AL036238, AL037615, AL037027, AL036719, AL036765, AL036191, AL036679, AL036158, AR060234, A81671, AR066494, AR023813, AR064707, AR069079, AR054110, AB026436 R18987, R17194, AA305460, Z45206, F08022, W86585, F07327, D50979, D80164, D80227, D80522, D80269, C14389, D59502, D81026, D80133, D80195, D51060, D80248, D59610, D59467, D59275, D58283, AA305578, D80188, C15076, D80366, D59859, D51022, D80022, D80038, C14331, D80166, D80043, D50995, D51423, D59619, D80210, D51799, D80391, D80240, D80253, D59787, D81030, D80241, D80212, D80193, D80196, AW377671, D80219, AA305409, D80045, AA514188, D59927, D80251, D57483, D80378, D59889, D80024, C14014, C06015, AW360811, D80268, AW177440, D80302, AA514186, AW378532, D80439, D59373, C14429, AW178893, D80247, D51103, AW375405, T11417, T03269, AW360834, AW179328, AW366296, C75259, AW360844, AW378528, AW360817, AW375406, AW178906, AW378534, AW179332, AW377672, AW179023, AW178905, D59653, AW177501, AW177511, D80157, C05695, D51759, AW352171, AW377676, D80132, AW178762, AW352170, AW177731, AW178907, AW179019, AW179024, D58253, F13647, D80134, D51250, AW367967, AW176467, AW360841, AW177505, AW178775, AW378525, AW369651, AW179020, AW178909, AW177456, AW179329, AW178980, AW352158, AW178914, AW177733, AW178908, AW178754, AW179018, T48593, AW352117, AW378543, AA514184, D80014, D45260, D51079, H67854, AW179004, D59551, D81111, AA809122, AW178774, AW179012, C14227, D59503, AW352120, AW378540, AW352163, D80258, D80064, D59627, C03092, H67866, AW179009, AI525923, AW178911, AI910186,
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				AW177722, AW378533, AW177728, D58101, D59317, T02974, AW367950, T03116, AI905856, D58246, D45273, C14407, AW178781, AI525917, AI557774, AI535959, D59695, C14973, AW378539, C14344, D60010, AI535686, AW178986, D51221, AI525227, D59474, T03048, D60214, AI525920, C14957, C14046, AW378542, AI525235, C14298, AI557751, AW177734, D80168, AI525242, AW179011, D52291, AI525925, AI525912, D51213, AA285331, AI525215, C16955, AI525237, D51097, D31458, C05763, Z33452, AI525222, Z21582, AI525928, AW360855, T02868, H67858, D80949, C04682, AB028859, AJ132110, AR008278, A84916, A62300, A62298, AR018138, AF058696, A82595, X68127, AB002449, AR060385, X67155, Y17188, D26022, Y12724, A25909, A94995, A67220, D89785, A78862, D34614, AR008443, I50126, I50132, I50128, I50133, D88547, AR066488, AR016514, AR016808, AR060138, A45456, A26615, AR052274, X82626, A43190, I14842, Y09669, A43192, AR038669, AR054175, AR066487, A30438, AR025207, Y17187, A63261, A70867, D50010, AR066490, AR008277, AR008281, AR062872, I18367, AR016691, AR016690, U46128, I82448, I79511, AR008408, A64136, A68321, AB012117, D13509, AR060133, AR066482, AF123263, A85396, D88507, A44171, AR032065
1771	HCRNE77	877122	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 720 of SEQ ID NO:1771, b is an integer of 15 to 734, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID	N46730, N47731, AC005272, AC005826, AC006379, AC007276, AC004800

1772	HWMB09 4	877123	<p>NO:1771, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 382 of SEQ ID NO:1772, b is an integer of 15 to 396, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1772, and where b is greater than or equal to a + 14.</p>	AA366950
1773	HWLMS73	877126	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 772 of SEQ ID NO:1773, b is an integer of 15 to 786, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1773, and where b is greater than or equal to a + 14.</p>	<p>AA527435, AW195324, AI653000, AW051613, AA514619, AI652532, AI675204, AA435717, AI659333, AI796596, AI273289, AI880669, AI826786, AA889355, AW004627, AA397980, AC002302</p>
1774	HFAMB70	877129	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 662 of SEQ ID NO:1774, b is an integer of 15 to 676, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	H10992, AL080276

1775	HCQAK62	877130	<p>NO:1774, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 409 of SEQ ID NO:1775, b is an integer of 15 to 423, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1775, and where b is greater than or equal to a + 14.</p>	W86771	
1776	HCQDP71	877131	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 657 of SEQ ID NO:1776, b is an integer of 15 to 671, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1776, and where b is greater than or equal to a + 14.</p>	AA595817, H30539, AW022133	
1777	HE9PB28	877132	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1765 of SEQ ID NO:1777, b is an integer of 15 to 1779, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AW183176, AI338542, AA687408, AI335604, AA902163, AI741694, AA954272, AA742379, AI092736, AI826540, AI675475, AI079357, AI932722, AW196794, AW028184, AA091428, AW297724, AI678998</p>	

1778	HQQR68	877133	<p>NO:1777, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 545 of SEQ ID NO:1778, b is an integer of 15 to 559, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1778, and where b is greater than or equal to a + 14.</p>	T87566, AW389691, AA505395, R15971, AL022069
1779	HEPNB10	877134	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 772 of SEQ ID NO:1779, b is an integer of 15 to 786, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1779, and where b is greater than or equal to a + 14.</p>	AI268381, AI240658, AI302971, W87782, H02333, AW022594, X82877, A36408, X64315, X82876
1780	HWLN36	877135	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 674 of SEQ ID NO:1780, b is an integer of 15 to 688, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	Z78283, R11554, N44978, AA321699, AA661583, AW275432, AL048969, AI801563, AA640305, AA666295, AA676592, AA483966, AI268826, AW151247, AW021674, AI174703, AA601376, AL048060, AL048090, AI572680, AI570067, AI370470, H93717, AA846944, C06151, AA469230, M77888, AI224583, AI242994, F29968, AA829565, AI039257, AA180056, AI090377, AI791659, AA723132, AA831426, AA525753, AA630476, AA113757, AA493245, AW275640, AI292275,

<p>NO:1780, and where b is greater than or equal to a + 14.</p>	<p>AA525881, AI457152, T52772, AA233462, AI738741, F17549, AI309943, AI300597, AW245331, T57562, AI283329, AA302943, AA720582, AA480486, AW087537, AA599069, AI754421, AI474127, AA601333, AI192465, AA341992, AA367920, AI583532, AA493789, AW022376, AI053673, AA489390, AI417496, T07251, AI797998, AA491743, AA586474, AI590404, D29424, AI538404, AI378950, N54538, AI311796, AA084320, AI567676, AI310670, AI014332, AA218684, T03928, AL119645, AI282724, AI653465, N22416, AW264548, AI719298, AI065031, F18885, AA182577, AW149241, N58378, H90845, AA583386, R43468, AA483735, AI349130, R42954, AA666172, AI590442, AI079669, AI654737, AA584765, AA228437, AA602105, AI862213, AA111897, AI872018, AA847504, AA434165, AA342238, AA587835, AI271693, AA368616, AW272389, AA347203, AW192199, AA298365, AI758981, AL079553, AL078621, AC002055, AL096791, AC002316, AL021392, AC005954, AC004929, AC000115, AP000518, AC005746, AL021393, AC005011, Z73359, U95742, AC006368, AC007216, Z97632, AL035682, AP000070, AL031120, AC004587, AL034349, AC007563, Z81450, AC004652, AC005969, AC005778, AL023575, AP000075, M91453, U80459, Z68617, Z82245, AB014077, Z84721, AC004209, AC004506, AP000514, AL031663, AC002554, AC005736, AC002470, AC004834, AL035443, AC007564, AC005041, AP000010, Z68273, Z97056, AC007308, AF118808, AC004230, AF006501, AC004611, AL008716, AL118497, Z84467, Z85986, AC005082, AC002310, AC005914, AC005095, AC005666, AL078602, AF109907, AC004583, AC003982, AC004638, Z82244, AL031447, AC005519, AL034548, AJ003147, AC003685, AC005740, AL049569, AC006205, AC004673, AC005747,</p>
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	AC004518, AC007110, AL031321, AC004678, AL117339, AF217403, AC005190, AP000277, AC002133, AC006167, AP000281, AC005251, AC003077, AP000008, AP000105, AP000037, AC002115, Z95113, AP000704, AC002529, AC002465, AC009069, AC007406, AP000511, AC006121, AL080276, AL049712, AP001053, AL023799, AL031985, AC004961, AC005207, AC010077, AC004139, AC020663, AC007066, AC003109, Y15083, AC002299, AC005104, AC006076, AB020859, AC007878, AC005320, AC004562, AL132799, AL023578, AC005065, AC006251, AC006275, AL022334, AC004623, AL031223, Z99289, AC006316, U91322, AF207550, AC004477, AC007371, AC006131, AC012599, Z99297, Z97832, AL049839, AL133163, Z73429, AC005184, AC002044, AC004150, Z93930, AL049776, Z46936, AC005579, AL121767, AC004134, AC005015, AP000227, AB004907, U89335, AC005218, AC004131, AC006130, AL022322, M94081, AP000087, AF042089, Z97054, AC004231, Z97989, AE000661, AC004858, AC005924, AC006162, AC004074, AL031587, AC005911, AJ006997, AC005393, AF165926, AC004757, AL022725, AC003665, AC009247, AL034343, AC004832, AC002996, AC004922, Z99716, AC000353, AC005776, AL139054, AL023876, AC004513, AC004773, AL136295, AL008710, AC002077, AC012627, AL034553, AC006132, AC009516, Z94802, AC005277, AF064863, AC002064, AC006238, AL021307, AC004921, AL035587, AC005523, AC005261, AC004030, AL031678, AC004998, AC005209, AL135744, AC007225, AL050341, AL034429, AL137100, AC006600, Z95114, AL022723, X77331, AC007064, AP000359, AL021918, AC004856, AB023050, AC004602, AC003043, AB009422, U80017, AC006211, AP001058, AC005175, AC013256, AC002997,

1781	HWLRC68	877137	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 534 of SEQ ID NO:1781, b is an integer of 15 to 548, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1781, and where b is greater than or equal to a + 14.</p>	<p>AC005594, AC008975, Z68756, L48038, Z75890, AC004076, AF107045, AL096703, AC004508, Z94801 U55042, AJ249706, AF184153</p>
1782	HWLQM8 8	877138	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 553 of SEQ ID NO:1782, b is an integer of 15 to 567, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1782, and where b is greater than or equal to a + 14.</p>	<p>W73224, AI804267, AI379725, AI636783, AI351006, H98536, AI365217, N35469, AI219083, AI221578, AA476333, AI687408, AC007285</p>
1783	HWLMG4 0	877139	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 523 of SEQ ID NO:1783, b is an integer of 15 to 537, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AI741535, AI968175, AI970276, AI991566, AW025923, AI652906, AW188858, AI637887, AA516176, AI917709, AI631638, AI625029, AI342081</p>

1784	HWLQOI5	877140	<p>NO:1783, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 600 of SEQ ID NO:1784, b is an integer of 15 to 614, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1784, and where b is greater than or equal to a + 14.</p>	<p>AI972873, N95228, AI656562, AW055145, AI936408, AI375092, AW016802, AI188610, AI985579, AI991588, AI292190, AI094172, AI078514, AI191047, R38989, AI763004, AW182193, AI830734, R49050, AA046092, AI202609, H49273, R99234, AL037112, AI262420, H19327, W87481, AW236116, N94137, AI221613, AA581541, AI521710, AA404487, AA046135, R05523, W69271, Z38912, AI468774, AA099158, AI984653, AA019723, AI554117, AI090954, AW007126, N70968, H12506, AF131754, AL035700, AC007270</p>
1785	H2CAC59	877142	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 481 of SEQ ID NO:1785, b is an integer of 15 to 495, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1785, and where b is greater than or equal to a + 14.</p>	<p>AA307078, AA706423, AA994100, AA641669, AA626714, AA770345, AI360154, AA454000, AI015598, AI470060, AI470113, AI274091, AI627230, AI784122, AI563937, AW071839, AI937059, AI348119, AI285070, AI401714, AA550934, AW078863, AI092221, AI077448, AI139979, AA229891, AI192689, AA745669, AA614661, N51519, AA661859, AA483292, AA873127, AI002451, AI568443, AA074240, AA627279, AA451794, R96077, AA767360, AA451795, R96116, AA579733, AA328053, R44546, AI832484, AA393453, AA229890, D51799, D80166, D59889, D51423, D59619, D80210, D80240, D80253, D59859, D58283, D59927, D80212, D80188, D80227, D81030, D80195, D80219, D57483, D80391, D59610, D80043, D59502, D80038, D80022, D80196, D80269, D80164, D59275, D80366, AA400769, D80193, D80241, D59787, D80024, D80045, D50995, D50979, C14389, C14429, D80378, T03269, C75259, C14331, AA888120, C15076, C14014, D59467, D51060, AA305409, D80134, AW178893, D81026, D80268, D51250, F13647, D80949, Z21582, D58253, D80522, D81111,</p>

AW178775, D51079, AW177440, D59695, D80168,
D51022, C14227, AW179328, AW377671, AW352158,
AW378532, AA514188, AA305578, AW369651, D52291,
D80251, D80248, AW177501, AW177511, AI905856,
AA704205, C14298, AW178762, D80064, AW352117,
AA514186, D80133, AA285331, AW360811, C14407,
AW378540, D51097, AW375405, AW360844, D80132,
AW360834, AW366296, AW360817, AW179220,
AW375406, AW378534, AW352171, AW179332,
AW377672, AW179023, AW377676, AW178905,
AW178754, AW179024, D80439, T03116, AW177505,
AW360841, AW179020, D80302, AW178909, AW177456,
AI557751, AW178906, AW352170, AW177731,
AW178907, AW179019, AW179018, AW178971, D80247,
AW352174, D80014, AW179017, AW179004, AW179329,
AW179012, AW178980, AW177733, AW378528,
AW178908, T11417, D51103, D80157, AW179009,
AW178914, AW378543, AW378525, AW367967, T02974,
D51759, D58246, D58101, AW378539, AW178983,
AW352120, AW177728, AW178774, AW178781,
AW178911, AW352163, D59627, D80258, D59503,
C06015, AI557774, T48593, D51213, D45260,
D50981, AW378533, H67854, AW367950, Z82214,
D63487, A62298, A84916, A62300, AJ132110,
Y17188, AR018138, X67155, A67220, D89785,
A78862, D26022, A25909, D34614, D88547,
AR025207, X82626, AF058696, AR008278, AB028859,
AB012117, Y12724, X68127, A85396, AR066482,
A44171, A85477, I19525, A86792, U87250, A82595,
X93549, A94995, AR060385, AB002449, AR008443,
I50133, I50128, I50126, I50132, AR066488,
AR016514, AR060138, AF135125, A45456, A26615,
AR052274, AR066490, Y09669, A43192, A43190,
AR038669, AR066487, I18367, A30438, D88507,
I14842, AR054175, D50010, Y17187, AB033111,
AR008277, AR008281, A63261, AR064240, AR008408,

1786	HWLXJ87	877143	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 570 of SEQ ID NO:1786, b is an integer of 15 to 584, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1786, and where b is greater than or equal to a + 14.</p>	<p>AR062872, A70867, AR016691, AR016690, U46128, D13509, A64136, A68321, AR060133, I79511, Z32749, U87247, AB023656, AF123263, X93535, AR008382 AW450418, R24589</p>
1787	HSDSJ26	877145	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1319 of SEQ ID NO:1787, b is an integer of 15 to 1333, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1787, and where b is greater than or equal to a + 14.</p>	<p>AA193531, AI360026, N40228, AA459477, N93266, H85243, AI918197, AI564399</p>
1788	HCFBR55	877146	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 536 of SEQ ID NO:1788, b is an integer of 15 to 550, where both a and b</p>	<p>AI336245, AI761380, AI423423, AI367536, N81076, AA865581, AA258570, AA772622, H22025, AI565200, AI371499, AA659137, AA879034, AI423953, AI084944, U69127</p>

1789	HCRNP62	877147	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1788, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 471 of SEQ ID NO:1789, b is an integer of 15 to 485, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1789, and where b is greater than or equal to a + 14.</p>	AA845225, W21880	
1790	HCRM04	877148	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 551 of SEQ ID NO:1790, b is an integer of 15 to 565, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1790, and where b is greater than or equal to a + 14.</p>		
1791	HGBHE60	877149	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 900 of SEQ ID NO:1791, b is an integer of 15 to 914, where both a and b</p>	<p>AI076490, AI654914, AI265931, AA218987, AA232080, AI921179, AI921200, AF110400</p>	

1792	HKAOG63	877153	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1791, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 296 of SEQ ID NO:1792, b is an integer of 15 to 310, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1792, and where b is greater than or equal to a + 14.</p>	AA307405, AL037524, AL037501, AA126654, R97186, Z58080
1793	H2CBR38	877154	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1040 of SEQ ID NO:1793, b is an integer of 15 to 1054, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1793, and where b is greater than or equal to a + 14.</p>	AA434547, AA278232, AA029146, AA191433, H00358, R11943, H11169, Z46056, AA193396, AA405639, T99622, AA165044, W00839, R35827, AA425497, F11670, W02964, T85686, R14127, AA449385, W24857, AA313412, N77971, AW303346, AA455582, AI312533, T56653, AA905068, AA304411, AW009793, AA514453, AA587237, N77395, AA129547, AW069049, AI816925, AC002543
1794	HRDEW54	877155	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 783 of SEQ ID NO:1794, b is an integer of 15 to 797, where both a and b</p>	AW303346, AA905068, AW009793, AA193396, AA514453, AA587237, AW069049, AI816925, AA425497, AA525849, AA455582, AI309995, AI768678, AI129597, AA129547, AI922487, W00839, AI679847, AI275507, AW070298, AI816908, AA278690, AA165044, AW168777, AA456079, AI250904, AA405639, AI679273, AI399923, AA600034, AA427915, AA613020, AA723373,

1795	HBMDC60	877157	correspond to the positions of nucleotide residues shown in SEQ ID NO:1794, and where b is greater than or equal to a + 14.	AI630755, AA926672, N95773, AI355684, AA576604, AI081443, N73000, AI633576, AW008775, AA989509, AW009019, AI309215, AI125948, AI431758, N58382, AA136562, AA425221, H11081, AA644362, AI080504, AA449256, AA029146, AA278232, F09333, AA190919, H00311, T91257, W02964, N33940, T99623, R49537, T57253, H83423, AA969769, AA826121, AW182061, AA975401, AW235959, AI767913, Z40018, AA640099, AA932232, T49289, T56653, AA029024, T49288, AI695342, W24857, AA159950, H00358, T49319, AW134475, AA434547, T49320, AC002543, AI143419 AL031774
1796	HOGDM40	877163	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 350 of SEQ ID NO:1795, b is an integer of 15 to 364, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1795, and where b is greater than or equal to a + 14.	AI459297, AA807285, AA428379, AA443512, AA808649, R73812, AA829249, R73811, AA306972, AI823917, AW296857, R34933, AI964018, R34837, AL120670, AL120664
1797	HWLNG61	877165	Preferably excluded from the	

1798	HCQCT53	877166	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 449 of SEQ ID NO:1797, b is an integer of 15 to 463, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1797, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 877 of SEQ ID NO:1798, b is an integer of 15 to 891, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1798, and where b is greater than or equal to a + 14.</p>	<p>N23022, AI742147, AA399952, AA773713, AI917300, AA773709, AA768407, N47504, AI339083, AI743525, AI276208, AI393759, AA933833, H97027, H97002, AI401278, AI952505, AW294197, AA844082, AI990110, AI770034, AI973154, AI381716, AA620473, AI990671, AA256663, N47503</p>
1799	HCRNV59	877167	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 420 of SEQ ID NO:1799, b is an integer of 15 to 434, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1799, and where b is greater than or equal to a + 14.</p>	<p>AA515852, AA806034, AA642399, AI804718, AA805516, AI494462, AI478789, AW236212, AA252353, AI768661, AA721744, AA761615, AA603497, AL134524, AL134110, AA252268, AL047163, AL042898, AL135012, AL042468, AL042523, AL042420, AL045327, AL045494, AL042741, AL045891, U46344, AL049280, AR066494, AL133053, AL122101</p>
1800	HCQDP52	877168	Preferably excluded from the	N94138, AL042183

1801	HFAAH06	877169	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 435 of SEQ ID NO:1800, b is an integer of 15 to 449, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1800, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 681 of SEQ ID NO:1801, b is an integer of 15 to 695, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1801, and where b is greater than or equal to a + 14.</p>	W32491, AI557416, AA641955, AC007250
1802	HWLMX0 2	877170	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 896 of SEQ ID NO:1802, b is an integer of 15 to 910, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1802, and where b is greater than or equal to a + 14.</p>	AI432361, AI394416, AI075852, AA479958, AA491075, AA588390, N20112, AW377547, AI888417, AA446881, AF155106, AB033107
1803	HCYBH52	877171	Preferably excluded from the	AA305314, AI656138

1804	HCRNX51	877173	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 526 of SEQ ID NO:1803, b is an integer of 15 to 540, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1803, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 217 of SEQ ID NO:1804, b is an integer of 15 to 231, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1804, and where b is greater than or equal to a + 14.</p>	AA232079, AF110400, AB018122
1805	HHEPP92	877174	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 374 of SEQ ID NO:1805, b is an integer of 15 to 388, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1805, and where b is greater than or equal to a + 14.</p>	AI973079, AA813801, AA191593
1806	HCQAB45	877175	Preferably excluded from the	

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 270 of SEQ ID NO:1806, b is an integer of 15 to 284, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1806, and where b is greater than or equal to a + 14.		
1807	HCYBG53	877176	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 320 of SEQ ID NO:1807, b is an integer of 15 to 334, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1807, and where b is greater than or equal to a + 14.	AA305151, H10843	
1808	HCQDF43	877181	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 907 of SEQ ID NO:1808, b is an integer of 15 to 921, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1808, and where b is greater than or equal to a + 14.	AL122007	
1809	HSHBU44	877184	Preferably excluded from the	AI683284, AW207832, AB007917, AB024568, E17301,	

			present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 842 of SEQ ID NO:1809, b is an integer of 15 to 856, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1809, and where b is greater than or equal to a + 14.	E17300
1810	HLHSE30	877185	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 648 of SEQ ID NO:1810, b is an integer of 15 to 662, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1810, and where b is greater than or equal to a + 14.	AA600172, AC005007
1811	HOSDV69	877187	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 677 of SEQ ID NO:1811, b is an integer of 15 to 691, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1811, and where b is greater than or equal to a + 14.	AI769803, AI769743, AI986284, AI031834, AI017244, AI247689, AI336761, AW445026, AA933877, AA947886, AI347451, AI344592, AI580382, AW302464, AA702771, AA9233510, AI302541, W88655, N74646, AI343716, AA854730, H66770, H62545, W88899, U66036, AB008164, AF026303, AJ238392
1812	HCRMH42	877189	Preferably excluded from the	AL119483, AL119484, AL119418, AA554958,

1813	HSKZE25	877191	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 601 of SEQ ID NO:1812, b is an integer of 15 to 615, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1812, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1191 of SEQ ID NO:1813, b is an integer of 15 to 1205, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1813, and where b is greater than or equal to a + 14.</p>	<p>AC006576, Z84466, AC008012, AC006480, AC005701, AC004651, AP001053, AF019413, M20903, AC004968, AC004966</p> <p>AI740516, AI739132, AA631257, AI741376, AW068935, AI467852, AI123717, AI754551, AI752240, AW205510, AA464510, AW044211, AW028889, AW198033, AI538632, AA513096</p>
1814	HCRMP38	877194	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 586 of SEQ ID NO:1814, b is an integer of 15 to 600, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1814, and where b is greater than or equal to a + 14.</p>	<p>AI623320, AL023654</p>
1815	HDPXD55	877195	<p>Preferably excluded from the</p>	<p>AL110186, AB011097</p>

1816	HHMMB4 0	877200	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 551 of SEQ ID NO:1815, b is an integer of 15 to 565, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1815, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 272 of SEQ ID NO:1816, b is an integer of 15 to 286, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1816, and where b is greater than or equal to a + 14.</p>	
1817	HEQAN41	877202	<p>Present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1306 of SEQ ID NO:1817, b is an integer of 15 to 1320, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1817, and where b is greater than or equal to a + 14.</p> <p>AW003740, W81689, AI862673, AW270849, AI912038, AI703038, AA937086, AI279103, AA282925, AI078559, AI768831, AA313607, AI275886, AI432429, AA903131, AI870642, AI189825, AA283134, W81688, AI521151, AW044071, AA410488, AA827169, AA730751, AA256352, AW131390, AI970675, AA989435, AA918065, AI813309, AI969627, AA255498, AA621557, AA828340, AI693110, AI351613, AI471645, AA025513, AI912910, AA410307, AW071626, AI655122, AI800296, AI651526, AI368793, AA976771, AI631084, AI829747, AI620149, AI970920, AA256209, AI422613, AI826838, AW389929,</p>	

	AI638091, AI089178, AA582684, AI917053, AI024439, R70884, AI859906, AI915081, AI884861, R70883, AI279417, AA678616, F08214, AI859744, AA831801, AA553457, AA832016, AI9222614, AW341882, AI798242, AA484892, AA610255, N92697, AA609826, AI631059, AI797998, AI869786, F08655, AA598605, AI038324, AA857812, AI018726, AA807579, AA778962, AW265688, AW019964, AA904211, AI383596, H59611, AI150934, H59651, AI889426, AW078821, AW390284, AI347665, AI860535, AA644223, AA581498, AA020882, AI472736, F33820, AW440568, R99613, AA678932, AI288033, AW081610, T76991, AW270429, N67313, AW270351, AA362791, AI803741, AI889995, AI359200, AA126814, AI419337, AI361090, AA757426, AA364420, AI421950, AI114645, AA345594, AW192518, AI671077, AW026305, AA579281, H39839, AW303822, AA856815, AL039761, AA643829, AA402113, AI289050, AA653291, AA436140, AI358776, F17537, AI284092, H38901, AI123488, AA603558, AI246061, AA501867, AI291419, AA484022, AF003627, AF035397, AF086459, AF130357, AC007656, AF111169, AC005231, AC002316, AP000350, AP000045, AL049830, AC004820, AL133448, AC004990, Z49258, AC007055, AL121603, AL031984, AC006084, L78810, Z82208, X51956, AL031602, U47924, U85195, AC003029, AE000658, AC006251, AC005696, AC007878, AL049692, AC005480, AC005082, AC000379, AC007057, AL049872, AC005006, AL031433, AC005484, AL031295, AC007687, AC005089, AL096791, AC002312, AL050305, AC006443, AL031728, AL133371, AC002432, AL049839, AC007225, AC005330, AC004841, AC002365, Y10196, AC004408, AC005212, AL022240, AC005332, AC005514, AL033527, AL049643,

	AL049694, AC005048, AC005902, AC010205, AC004383, AL049553, AC004148, AF064866, AC003982, AF196779, AL049641, AC008041, L44140, AF095901, AL050404, AL031293, AF207550, AJ003147, AC005778, AC003101, AC005695, AL121652, AC006359, AL024498, AP000113, AC003107, AP000352, AC000026, AC004675, AL020997, Z83844, AL035425, AC000359, AC007666, AL008582, AL049569, AC006115, AP000130, AP000208, AC005209, AC003036, AC005632, AC006455, AP000247, AL023879, U91318, AF088219, U95739, AC005971, Z95115, AL034377, AC004804, AL049780, Z69715, AP000304, AL109827, AF067844, AL031311, AC000031, AF053356, AC006965, AC006312, AL022165, AC003002, AC007021, AC004081, AC007350, AC005102, AF124523, Z69890, D84394, AC005943, AC003973, AC004685, AC007014, AC004797, AL035405, AC005355, Z98051, AC008078, AC004796, AC004447, AC004815, AC006211, AC005015, AC007686, AC004638, Z73988, AC004230, Z84466, AC004883, AC007688, AC007707, AC012085, AL049538, AL050347, AC009330, AC004583, AL117330, AC008372, AC005726, AC007376, AC005225, AC003692, AL035697, AC000025, AC005156, AL031774, AL035455, AL133163, AC004079, AL022719, AC002115, AC004819, AC004000, AC004477, A51133, A76958, AC002350, AC007546, AC008040, AC002996, AC003043, AC005907, AC005519, AL121782, Z98742, AP000030, AC005365, AL008729, AF217403, AL132985, AC005562, AC004890, AC006948, AC002551, AC004185, AC005844, AL035403, AC004539, AP000115, AP000695, AC009247, AL031730, AC002429, AL109963, AL033523, AC000112, AC007263, AL133245, AL031053, AL021397, AC002072, AF134726, AL031659, AC012627,

1818	HSDZB30	877205	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 807 of SEQ ID NO:1818, b is an integer of 15 to 821, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1818, and where b is greater than or equal to a + 14.</p>	<p>AL122020, AL021154, AC005666, AL136295, AC002504, AL080317, AC006111, AC004526, AL049871, AL009179, AL022721, AL031587, AC011331, AC005874, AF134471, AF109907, AC005969, AC006160, AL133244, AC002550, AL022313, AI632057</p> <p>AA129439, AA425398, AI381416, R17127, AI418660, AA314750, F32787, AI590092, AW021547, AA151302, Z42142, AA904204, U77327, AF064105</p>
1819	HWLWH5 6	877206	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 356 of SEQ ID NO:1819, b is an integer of 15 to 370, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1819, and where b is greater than or equal to a + 14.</p>	<p>AI989601, AC005593</p>
1820	HWLOT46	877207	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 388 of</p>	

1821	HOVCR67	877208	SEQ ID NO:1820, b is an integer of 15 to 402, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1820, and where b is greater than or equal to a + 14.	
			Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 334 of SEQ ID NO:1821, b is an integer of 15 to 348, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1821, and where b is greater than or equal to a + 14.	
1822	HLHSV54	877211	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 498 of SEQ ID NO:1822, b is an integer of 15 to 512, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1822, and where b is greater than or equal to a + 14.	
1823	HSYBZ84	877212	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 926 of	AA922141, AA505358, AA515537, AI439152, AA603688, AI279253, AI003069, H09774, R61798, N46444, N48945, R45147, Z45425, R55783, R43907, R14995, AA348815, AB032971

1824	H2LAC34	877213	<p>SEQ ID NO:1823, b is an integer of 15 to 940, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1823, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 488 of SEQ ID NO:1824, b is an integer of 15 to 502, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1824, and where b is greater than or equal to a + 14.</p>	<p>AA304651, AI372785, AA496464, R09787, D59627, C16955, D45273, D80168, D52291, D51213, T03048, D59695, C14298, D51079, D80949, D80258, Z33452, AW360780, D59503, C14407, D58246, D80014, C14227, D80064, AI535686, D81111, T11417, T02974, AW377669, D58101, D52059, H67854, D59317, D80038, H67866, AI525216, AI525228, AA809122, AA305578, D50979, D80195, D52317, C15076, D80193, D80251, D59551, C06015, D81026, D80269, D80022, D59467, D80164, D59275, D80045, D80227, D59502, AI557774, D80302, C14389, AW377661, F13647, D51423, D58283, D80166, AI557751, D80439, T03116, D81030, D80188, D57483, C03092, D80043, D80157, D51103, D59859, C14331, D80212, D80268, D80366, D59889, C14973, D80196, D59619, D80133, D80247, D51022, D80210, D51799, D80391, D80240, D80253, D80219, D59787, D50995, AA305409, C04682, D80024, C14344, Z21582, D59474, AI525969, D80248, D59610, C14014, D51221, Z30160, D80522, AA514188, T02868, D59927, D31458, D80378, AI525238, C13958, H67858, AI525242, D45260, AA514186, AI525923, AI525227, D80241, AA514184, AI525978, AI525912, AI535961, C05763, AI525235, AI525920, AI525917, AI525215, T11191, AI525237, AI525903, AI525922, AI525907, AI525925, AI525914, AR016808, X64588, AB010386, AR060385, AJ132110, AB028859, AB019242, A82595, A84916, AB002449, I14842, I79511, AR008278, U37689, I81198, A62300, A62298, AR054175, AR008277, AR008281,</p>
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1825	HCQAE29	877214	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 627 of SEQ ID NO:1825, b is an integer of 15 to 641, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1825, and where b is greater than or equal to a + 14.</p>	<p>AR018138, AF058696, A47134 AA505138, AA730263</p>
1826	HCRMV19	877215	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 433 of SEQ ID NO:1826, b is an integer of 15 to 447, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1826, and where b is greater than or equal to a + 14.</p>	<p>N72981</p>
1827	HWLMF31	877218	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 576 of SEQ ID NO:1827, b is an integer of 15 to 590, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1827, and where b is greater</p>	<p>AI806805, AA909734, AI205805, AI208930, AI023837, AI024558, AA808303, AI239842, AA904642, AI200741, AA861427, AI808962, AA971918, AA806642, AC004542</p>

1828	HFIIZ28	877220	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 411 of SEQ ID NO:1828, b is an integer of 15 to 425, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1828, and where b is greater than or equal to $a + 14$.</p>	AA812688, AI418599, AI151240, AI808902, AI379148, AA878931, AI241082, AA938582, AI913473, AA194942, N30395, AA523704, AI379226, AI886468, AI472706, AI336385, AI287668, AA742997, AI754786, AW085594, AA876827, AI283450, AL044439, AA180129, AA525768, AA282183, AA628042, AA627935, AA916288, AI339391, AI289442, AL034430
1829	HCQDK28	877222	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 368 of SEQ ID NO:1829, b is an integer of 15 to 382, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1829, and where b is greater than or equal to $a + 14$.</p>	N75183, AI366031, F12542, T74151, AC012627
1830	HHEQI29	877229	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 818 of SEQ ID NO:1830, b is an integer of 15 to 832, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1830, and where b is greater</p>	AA446316, AA446497, AI198963, H38387, AI444827

1831	HTWFA44	877230	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 576 of SEQ ID NO:1831, b is an integer of 15 to 590, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1831, and where b is greater than or equal to $a + 14$.</p>	<p>AI948974, AW150262, AW005687, AI805463, AI760052, AW130854, AI092715, AI561048, AI417784, AA846295, AI027808, AI073757, AI034006, N33620, AI215790, AI393040, AI022090, H95228, AI401833, AA771890, N92602, AW103347, AA496978, H95430, AA747344, AW183814, F22014, N56754, AI942322, AI313099, AA040794, AI470290</p>
1832	HOCMF20	877231	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 3252 of SEQ ID NO:1832, b is an integer of 15 to 3266, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1832, and where b is greater than or equal to $a + 14$.</p>	<p>AL135440, W20119, AI810591, AI089310, AA044704, AA099241, AI806853, AA039903, AI420778, AI151415, AI093762, AI982907, AI871680, AI076492, AA099143, AI246659, AA041527, AA477336, AI188305, AI088688, W87880, W80803, AA479648, AW291739, AI023926, AI215789, AI768938, AA669926, AA523605, AA313436, AI452952, AI569996, AI354883, R61620, N72558, AW013938, W92312, AI168582, N33871, AI189869, W45147, AI151417, AI280515, W92299, AI379400, AA406620, AI636575, AA214649, W81054, AA748471, AA705551, AA723161, R70656, AI086670, C17933, AA830207, AW262560, W02383, AA906264, AA056377, AA040375, AI276236, AI141343, AA868115, AA862839, AI275375, H10905, AA129975, R80462, W45096, AA846612, AA847843, W87765, AA411692, AA369318, AI309745, AA359784, AA398795, AA044640, AA334622, AA367594, AI478815, AW054686, Z44983, AA367593, AI990089, R01145, AI954539, AI990659, AA379173, Z40721, AI886597, AI024032, R60952, AA670197, AA435840, AW389160, AA847919, R80663, AA056474, AA248230, N81095, AI206251, AI476295, AA211075, AI619485, N90439,</p>

1833	HWMBO5 0	877232	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 844 of SEQ ID NO:1833, b is an integer of 15 to 858, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1833, and where b is greater than or equal to a + 14.	R05760, AA079305, W07456, AA079306, AA847920, AW387693, AI925404, AI689470, AI953765, AI470293, AA806719, AA631120, AI889818, AI274527, AI249962, AI932739, AI888621, AI365256, AI679095, AWI49876, AF003626, Y10043, AF022465, Z83826, Z93931, AC002526, Y10044, AC005479, AL024505, AL034450, AC002375, AL049709, AL035420, AF047701, L05085, AC004493, AF026008, Z20724, Z20735
1834	HCQBD64	877233	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 283 of SEQ ID NO:1834, b is an integer of 15 to 297, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1834, and where b is greater than or equal to a + 14.	AI289115, AA653396, AI280875, AW439596, AA147044, AI683907, AI186619, AW191991, AI422310, AI653662, AA825197, AA854077, AA916637, AA810755, AI624228, AI763289, AA449797
1835	HATAP30	877234	Preferably excluded from the present invention are one or more polynucleotides comprising a	AW008122, AC005021, L48431
				AI828084, AW292950, AI955290, AI425012, D54798, AA101714, AA661732, AI082095, AI433898, N78571, AA563807, AI457762, AA460668, AA101715,

1836	H2LBB51	877235	<p>nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1244 of SEQ ID NO:1835, b is an integer of 15 to 1258, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1835, and where b is greater than or equal to a + 14.</p>	<p>AI148116, AI276830, AI378227, AI148121, AI082653, AI972872, AA631712, AI272196, AA603075, AI018047, AI453834, AI223254, AI026628, AW298807, AI280067, AI378917, T19338, T33356, AA761507, AI272883, R51104, AA644592, T03688, AI274939, AI268664, AI690246, T33873, N52587, AA461016, T32236, AA464590, AA693417, AI470644, F09140, F10434, H06959, H22931, AA318879, T15930, AL120494, AA371748, N75010, R41316, R41317, AI834293, D81373, AA767242, AW386979, R42324, T33358, T33357, AI366186, T27271, W01584, AI700577, AI767391, AI760808, W26393, W07166, AA861382, AI816326, AI291384, AI913952, W05753, AA488932, AA411945, T09288, R11766, H24112, AW293062, AI277039, R18459, R18460, AI302024, F12831, AB002385, AC006372, U66702, U81561, U65065, U73458, A63346, A63355, AF007555, Y08569, A63357, U91574, U82439, U57345, Z50735</p>
			<p>preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 747 of SEQ ID NO:1836, b is an integer of 15 to 761, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1836, and where b is greater than or equal to a + 14.</p>	<p>AA316077, AW407693, R35424, AL121134, AA356852, F12867, AA776842, AW163365, M74089</p>
1837	H6EDT19	877237	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a</p>	<p>AA402106, AI734033, AA401995, AI821646, AW438634</p>

1838	HWLOW8 7	877240	is any integer between 1 to 911 of SEQ ID NO:1837, b is an integer of 15 to 925, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1837, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 528 of SEQ ID NO:1838, b is an integer of 15 to 542, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1838, and where b is greater than or equal to a + 14.	W53026, AF180919	
1839	HWLMB22	877242	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 428 of SEQ ID NO:1839, b is an integer of 15 to 442, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1839, and where b is greater than or equal to a + 14.	W92133, AL035400	
1840	H2CBA14	877247	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a	AA307110, AI791261, N36579, D80195, D59467, D80164, C15076, D80227, D80269, D59275, D59502, D58283, D59859, D80022, C14331, D80166, D51799, D51423, D59619, D59610, D80210, D80391, D80240, D80253, D80043, D59787, D81030, D80038,	

	<p>is any integer between 1 to 501 of SEQ ID NO:1840, b is an integer of 15 to 515, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1840, and where b is greater than or equal to a + 14.</p>	<p>AA305409, D80378, D80212, D80366, D50979, D80193, D80196, D80188, D80219, D59927, D57483, D50995, D59889, D80241, C14389, D80024, D80045, T03269, C75259, AW178893, D51022, C14014, AW378532, AW178775, AI732942, AA305578, AW179328, D80134, AW177440, D81026, D51250, D80302, D80251, AA514188, AW352158, D80248, D80522, F13647, D80268, AW378540, D80168, AW178762, C14298, D58253, AW177501, AW177511, D80064, D80133, AW352117, C14227, C14407, Z21582, AW377671, D81111, AW360834, AA514186, AW360811, AW375405, D80132, D80439, AW366296, D80247, AW360817, AW375406, AW178905, AW378534, AW352171, AW179332, AW377676, AW377672, AW179023, AW178906, AW178754, AW179024, AW178907, AA285331, AW179020, AI557751, AW177456, C06015, D51097, AW352170, AW177731, D51103, AW179019, AW179018, T03116, D80157, AW378528, AW178908, AI557774, AW352174, AW178914, AW178781, AW378543, AW378525, AW352163, D80258, AI525923, D80014, T48593, D59627, AW178774, AW378539, D45260, AA809122, T11417, H67866, D45273, C03092, H67854, AW367950, AI525227, D51213, AW178986, D59317, D59503, T02974, D58246, C14973, AI525917, AW179013, T03048, C14344, AW378533, AI535686, D51221, D59474, AI525920, D59551, AA514184, D58101, Z30160, H67858, AI525925, AI525235, AI525242, T02868, Z33452, AI525239, C16955, AI525912, AI525237, AI525215, AW378542, C13958, D31458, A84916, AJ132110, A62300, A62298, AR018138, X67155, Y17188, D26022, A25909, A67220, D89785, A78862, D34614, AF058696, D88547, AR008278, AB028859, X82626, AR025207, A82595, Y12724, A94995, AR060385, AB002449, AB012117, AR066482, X68127, AR008443, A85396,</p>
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1844	HFIYJ63	877255	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 536 of SEQ ID NO:1843, b is an integer of 15 to 550, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1843, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 312 of SEQ ID NO:1844, b is an integer of 15 to 326, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1844, and where b is greater than or equal to a + 14.</p>	ALI35394, W87908, AB002331	
1845	HWLOW5 1	877256	<p>preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 563 of SEQ ID NO:1845, b is an integer of 15 to 577, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1845, and where b is greater than or equal to a + 14.</p>	H23330, AI796906	
1846	HHFBA07	877257	Preferably excluded from the	AW130559, AA604942, AI125644, AI703464,	

1847	HWLDOS1	877258	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 718 of SEQ ID NO:1846, b is an integer of 15 to 732, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1846, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 302 of SEQ ID NO:1847, b is an integer of 15 to 316, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1847, and where b is greater than or equal to a + 14.</p>	<p>AW103052, AI391708, AI452537, AI460380, AI050784, AI949725, AI052071, AW237646, AI538701, AI435508, AA621302, AA233121, AI348838, AI339780, AI800246, T67212, AI144461, AW130699, AA527371, AW205441, AA346401, AI247525, AI352551, AI651506, AA707110, R46530, AI927033, AI560516, R46529, AI918364, N75541, R51933, R72231, H45846, T67213, AA627945, N40063, AA233205</p>
1848	HLSAE05	877261	<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 703 of SEQ ID NO:1848, b is an integer of 15 to 717, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1848, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 302 of SEQ ID NO:1847, b is an integer of 15 to 316, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1847, and where b is greater than or equal to a + 14.</p>	<p>AA307126, Z99396, AW392670, AW372827, AW384394, AW363220, AL119335, AL119497, AL119443, AL119522, AL119319, AL119363, AL119496, U46341, AL119457, AL119324, AL119483, AL119484, AL119391, AL119341, AL119355, U46350, U46349, AL119396, U46351, AL119418, AL036418, AL038837, AL037051, AL036725, AA631969, U46346, AL119444, U46347, AL042614, AL042965, U46345, AL134518, AL036858, AL134533, AL042970, AL134524, AL119439, AL037205, AL134528, AL042975, AL119401, AI142137, AL119399, AL036924, AL042984, AL042551, AL134538, AL042433, AL042995, AL119320, AL042850, AL119488,</p>

1849	HCRPJ05	877263			AL038509, AL042450, AL043019, AL043029, AL037085, AL042544, AL042542, AL042896, AL037094, AL037526, AL036196, AL037639, AL119304, AL043003, AL036268, AL037082, AL036767, AL037077, AL036190, AL119464, AL036774, AL038520, AL036998, AL038851, AL038447, AL036733, AL037178, AL036238, AL036719, AL037615, AL037027, AL036765, AL036191, AL036679, A81671, AR060234, AR066494, AR023813, AR064707, AR069079, AR054110, AB026436
1850	HCYBD05	877264		Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 349 of SEQ ID NO:1849, b is an integer of 15 to 363, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1849, and where b is greater than or equal to a + 14.	AA305049, N50596, AL120893, U55937, U81001
1851	HKLSD44	877272		Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 522 of SEQ ID NO:1850, b is an integer of 15 to 536, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1850, and where b is greater than or equal to a + 14.	AI183955, AW136574, AI654355, D13902, D13897, L25648, AC007993, D13899, M17523, S57220,

1852	HFIXP45	877274	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 522 of SEQ ID NO:1851, b is an integer of 15 to 536, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1851, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1991 of SEQ ID NO:1852, b is an integer of 15 to 2005, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1852, and where b is greater than or equal to a + 14.</p>	<p>L37369, Z58904</p> <p>U69202, AI341555, AI808490, AI347923, AA903736, AA210763, AI139380, AI631374, AA129554, W70085, AI648656, AA932877, AA136568, R39447, F09386, AI351322, AW001825, T77200, F11728, T09089, T10129, H17528, T10128, AI867156, R59448, R59388, AI868687, Z19406, AI474036, Z42465, Z28503, Z38662, F06906, F04874, R13169, H17840, AA348361, R13170, Z45682, AB000814, D89722, U50415, AF044288, AB000812, AB000813, AB012600, U51627, AF015953, AB012601, AB015203, AB012602, AB014494, AF070917, AB000815, AB000816</p>
1853	HAQNS64	877275	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 552 of SEQ ID NO:1853, b is an integer of 15 to 566, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1853, and where b is greater than or equal to a + 14.</p>	<p>AC005740</p>
1854	HCQDG09	877280	<p>Preferably excluded from the present invention are one or more</p>	<p>N99659, AW404075, AA469906, AI142357, AI142321, AA316159, N42495, R57922, Z59290</p>

1855	HCQCP81	877281	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 236 of SEQ ID NO:1854, b is an integer of 15 to 250, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1854, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1145 of SEQ ID NO:1855, b is an integer of 15 to 1159, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1855, and where b is greater than or equal to a + 14.</p>	<p>AI207647, AI065109, AI207735, AI133231, AI065011, AI133300, AI110723, AI132917, AI064699, AI114870, AI064757, AI133022, AI207442, AI133620, AI174820, AI132979, AI207715, AI110641, AI133496, AA293047, AL047029, AA401001, AA477957, AI827434, AL119430, AA533278, AA149787, AI749240, AA477922, AA876525, AA618213, C17649, AA663700, AW082028, AI267206, AA563936, AI557108, AI951094, AA516319, C18953, AA654914, AA534001, AA633948, AA554486, AA196910, AA554113, AI041814, AI174849, AA595757, AA149676, AI536097, AA214075, AA548841, W29121, AI133692, AA576110, AA983610, AI267350, AA502430, AA458987, AA161230, AL043123, AA548336, AA555071, AA664569, AW073785, C17145, D51211, AI535890, AI253388, C18535, C18706, AA783018, AA410807, AA583220, AA578683, AA886497, AA758834, AI524899, AA179156, AI133161, AA224754, AA192604, AA595503, AA512996, AA897022, AA514885, AA100351, AA293439, AA400969, AA911976, AA604469, AA654272, AA197149, AA580161, AA889892, AA566006, AA908677, AA095070, AI524960, AW368638, AA579806, AA235499, AA576180, AA834302, AA587814, AI535677, AW368637, AA400809,</p>
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	AA079632, AA593495, AA617685, AA653974, AA523492, AA725126, AA428850, AA464752, AA507391, AA291811, AA214074, AI025574, AA834333, C18039, AA143135, AI910010, AA508758, AA527764, AA225751, AW373400, AA481923, AA582805, AA923266, AA554801, AA886075, AA908596, AA938043, AA879019, AA526743, AW378088, AA554076, AA090685, AA985612, AA595582, AA112939, AA564658, AA431814, AA401126, AA492096, AI954125, AA709167, AA171612, AA086336, AA532797, AI783446, AA576154, AA470370, AI910011, AA583092, AA564029, AW371295, AA680242, AW070565, AA679139, AI910004, AA620694, AA091624, AA086135, AA453608, AI133009, AA886562, C03930, AA464751, AA094464, AA194368, AI015676, AA176484, AA877931, AI936914, AA992091, AA708229, AA551520, AA694521, AI680484, AW175960, AA934835, AW371871, AA079806, AA650245, AA724218, AI620133, AA568749, AI525240, AA456614, C03144, R28950, C18721, AW362558, AA506494, AA095478, AA649597, AA534145, AA630561, AW178904, AA632764, AA702642, AA196736, AA916453, AA181000, AA127860, AA214682, AA640699, C15091, AW382590, AA210666, AA249278, AA464045, AA194421, AA216167, AA492256, AA921332, AW364429, AW373695, AW373663, AI253336, AW373685, AI832579, AW364463, AW364399, AA554414, AA159642, AI004318, H01671, AI862143, AI908712, AI052019, AI565446, AW367539, AW178905, AA193076, AI953931, AI708040, AA714432, AW383933, AI833081, AA090224, AI935127, X62996, X93334, M10546, V00662, J01415, D38112, AF134583, AF014882, AF014883, AF014888, AF014889, AF014890, AF014892, AF014897,

1856	HLHEI46	877282	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 922 of SEQ ID NO:1856, b is an integer of 15 to 936, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1856, and where b is greater than or equal to a + 14.</p>	<p>AF014898, AF014901, AF014893, AF014894, AF014899, AF014891, AF014895, D38116, D38113, X93335, AF014903, AF014904, AF014917, AF014910, AF014920, AF014908, AF014913, X93347, AF014905, AF014916, AF014906, AF014907, AF014909, D38114, AF014902, AF014919, X97707, D38115, D38484, X99256, X89843, U95646, X14848, X59268, S75895 AI669644, AI925693, AA548892, AA233718, AI961715, AA974649, W16617, AI092738, AW207722, AA233142, T64223, N79582, M27717, M73720, S40234, J05118, U67914, M73718, M73719</p>
1857	HCROB02	877283	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 520 of SEQ ID NO:1857, b is an integer of 15 to 534, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1857, and where b is greater than or equal to a + 14.</p>	<p>AL043619, AI632642, AI168748, AI376972, AI925713, AI703467, AI681157, AI279540, AI521713, AI888798, AA420977, N40163, AW235376, AW027303, AI581196, AI274962, AW080693, AI082185, AA437229, N51345, AW337551, AA761745, AA747627, H97971, AW440981, AA129415, AA514752, AW338816, AI264914, AW367007, AL041883, AI332872, AA768454, AA720670, AA281119, N67945, AI358787, AI978861, D62242, R55623, AA837971, AA835005, D61857, AI640690, AI695207, AA832003, AI701314, D62442, AA741386, AW297680, AI453837, AI335195, AI079445, N23185, AA843537, AI923841, AI651407, AI569072, AW070934, D63021, AI990693 AI633741, AI017113, AA305124, AA227077, X58531</p>
1858	HFKIN68	877284	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	

1859	HWHGC93	877285	<p>the general formula of a-b, where a is any integer between 1 to 1716 of SEQ ID NO:1858, b is an integer of 15 to 1730, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1858, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 876 of SEQ ID NO:1859, b is an integer of 15 to 890, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1859, and where b is greater than or equal to a + 14.</p>	<p>AW275818, AI969511, W68529, AA627916, AW275825, W68815, AI375939, H42716, AI611676, R48249, AA642987, AA631033, R73789, AI800001, AW452308, AW117862, AI474539, AI220853, AA730105, AA933672, H25944, AI745535, AW276480, D29313, AW381131, AW380949, C00410, AW381579, AW381130, AI220849, H25979, AA368136, AL035408</p>
1860	H2CBC75	877287	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 544 of SEQ ID NO:1860, b is an integer of 15 to 558, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1860, and where b is greater than or equal to a + 14.</p>	<p>D83865, AA307061, AI400071, AA129911, D80268, D51060, C14389, C14014, D80522, F13647, D81026, AW177440, Z21582, D81111, AW177501, AW177511, C14227, D58283, D80043, T03116, D59610, AA305578, D80022, C14331, D50979, AW369651, AW178986, D80168, D80247, AA285331, D51022, D80038, AA514188, AA305409, D59859, D80166, D50995, D80195, D59467, D51423, D59619, D80210, D51799, D80391, D80164, D59275, D80240, D80253, D59787, D80227, D59502, D80439, D80241, D80014, T11417, D81030, AW352117, D80188, D80269, D80024, D80212, D80366, D80196, D59653, D80219, D57483, D59927, D80248, AA514186, D51103, C15076, D80064, D59889, D80193, C14429, T03269, AI557751, AW352120, D80045, D80133, D80378, D51759, D80302, AW178762, C14407, D80157,</p>

AW360811, AW377671, AW178893, AW177734, D80251,
AW378540, D52291, AW178759, D59373, C75259,
AW378533, AW375405, AW360844, C14077, D59627,
T02974, C06015, C14298, AW178906, H67866,
AW179019, D51213, AW179328, C05695, AW366296,
AW378539, AW360817, AW179020, T48593, AW378532,
AI525923, AW375406, AA809122, AW378534,
AW352171, AW179332, AW377672, AW179023,
AW178905, AW177731, AW378528, AW178754,
AW179024, AW377676, D45260, AW177505, AW178775,
C03092, AW360841, AW352170, AW352158, D51250,
AW178909, AW177456, AW179004, AW178907,
AW178908, H67854, AW179018, AW178971, AW360834,
C05763, C14344, AW367950, AW179009, D60010,
AW179012, AW178980, AW178914, AW178774,
AW178781, AW177733, AW378543, D80258, H67858,
D59474, D58246, C14973, C14957, AI525917,
AI525227, D59317, D58101, D59503, D51221,
AW178911, AW378525, C14046, AW352163, AI557774,
AI525920, AA514184, AW177728, AI535686,
AW179013, D60214, AI525235, D59551, C16955,
T03048, AI525925, AI525215, Z33452, AI525912,
D45273, AI525242, Z30160, AW378542, C13958,
AI525237, AI905856, AI525222, T02868, AW360855,
D80654, D52317, D31458, AB002804, D86959,
D88425, AJ132110, AF058696, A62300, AB028859,
AR008278, A84916, A62298, AR018138, A82595,
AR060385, AB002449, I50126, I50132, I50128,
I50133, X68127, AR060138, AR016514, X67155,
Y17188, D26022, A25909, A45456, A26615,
AR052274, A94995, AR054175, Y12724, AR066488,
A67220, D89785, A78862, D34614, Y09669, A43192,
A43190, AR038669, AR008443, AR066487, A30438,
I14842, Y17187, D88547, AR008277, AR008281,
A70867, D50010, A63261, X82626, AR062872,
AR016808, AR008408, AR025207, AR016691,

1861	H2LAW79	877288	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 829 of SEQ ID NO:1861, b is an integer of 15 to 843, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1861, and where b is greater than or equal to a + 14.</p>	<p>AR016690, U46128, A64136, A68321, AR060133, I79511, D13509, AF123263</p> <p>AA315705, AA329923, D80268, AA305578, D59502, D80164, D50979, C06015, C14389, D80038, F13647, D59275, D80195, AW178759, D80188, D59467, D80227, AW178986, AA514188, D58283, D51799, AA305409, D51022, D59859, D80043, D80022, C14331, D80166, D50995, D51423, D59619, D80210, D80391, D80240, D80253, D59787, C15076, D80269, D81030, D80378, D80212, D80193, D80196, D80219, AA514186, D81111, AW378533, D59927, T03116, D80045, D81026, D59610, D57483, C14227, D80439, D80522, D59889, T03269, D80024, D80247, AW177440, D51103, D80248, D80241, D80366, D80302, C14014, Z21582, D59695, AW178893, D80133, AW178906, D52291, D80064, D80157, AW377671, AA285331, AW352117, D80251, C14407, AW360811, D80168, D80014, AW375405, AW179332, C14298, AW179328, D59503, AW178754, AW179019, AW378532, AI525923, AA809122, AW366296, AW360817, D59317, AW352120, AW179020, D45260, AW375406, AW377676, AW378534, AW352171, T48593, AW377672, AW179023, AW178905, AW177731, D51250, AW178762, AW179024, AW178971, C03092, AW378528, H67854, H67866, T11417, D59627, AW177456, AW179012, AW178907, AW178908, AW179018, D80258, AW378540, AA514184, AW360834, T02974, C14344, AI525917, AI557774, D58246, D59551, AW179013, D51221, C14973, AI535686, AW367950, AW178914, AW178774, AI525227, AW378543, D59474, AI525920, AW378539, D31458, H67858, AI525925, D51213, D58101, Z30160, AW378525, AW352163, AW178781, D45273, AI525242, AI525235, AI557751, T02868, C16955, C14077, AI525912, Z33452, AI525903, AW378542, AI525215, C13958, AA305720, AI525237, T03048, Z86064, AL049679, AJ132110, A84916,</p>
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1862	HCE2C40	877289	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 250 of SEQ ID NO:1862, b is an integer of 15 to 264, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1862, and where b is greater than or equal to a + 14.</p>	<p>AB028859, A62300, A62298, AR018138, AR060385, I50132, A82595, AR008278, AF058696, AB002449, Y09669, I50126, I82448, I50128, I50133, X67155, Y17188, D26022, A25909, A67220, D89785, A78862, D34614, AR016514, Y12724, A94995, AR060138, A45456, A26615, AR052274, I14842, A43192, A43190, AR038669, AR066488, AR066487, AR054175, A30438, AR008443, X68127, D88547, Y17187, A63261, X82626, AR008277, AR008281, D50010, AR025207, AR062872, A70867, AR016808, AR016691, AR016690, I79511, U46128, AR008408, A64136, A68321, AR060382, D13509, AR060133 AC005368, AF059650</p>
1863	HMC DH54	877290	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1868 of SEQ ID NO:1863, b is an integer of 15 to 1882, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1863, and where b is greater than or equal to a + 14.</p>	<p>AL133778, AW408536, AA397575, AA399688, AA725429, AA324765, AA321795, AW243558, R86033, AW271180, H65207, AL134927, AB032995, AB018253</p>

1864	HTPFG64	877295	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1912 of SEQ ID NO:1864, b is an integer of 15 to 1926, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1864, and where b is greater than or equal to a + 14.</p>	<p>AW268628, AW408344, AI042425, AA286908, AI093993, AW316896, AI339306, AA736991, AI271364, AI539564, AA287969, AI689236, AI240770, AA035024, AA035512, AA804433, AW001846, AI191237, AI161031, AI015252, AW192454, AI817128, AI867530, AA557231, AI452866, AA804383, AL043242, AA627583, AA809613, T27814, M30818, M33883, AC004497</p>
1865	H2CBQ45	877298	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 544 of SEQ ID NO:1865, b is an integer of 15 to 558, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1865, and where b is greater than or equal to a + 14.</p>	<p>AW263526, AA457032, AW136358, AA828242, AA313271, AL078644</p>
1866	HCQAD77	877299	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 335 of SEQ ID NO:1866, b is an integer of 15 to 349, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1866, and where b is greater than or equal to a + 14.</p>	

1867	HKLSB60	877301	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 522 of SEQ ID NO:1867, b is an integer of 15 to 536, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1867, and where b is greater than or equal to a + 14.</p>	<p>AA225376, AA226684, T94384, R73816, R73841, AA002207, AA225124, AA225347</p>
1868	HLHTC92	877310	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 839 of SEQ ID NO:1868, b is an integer of 15 to 853, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1868, and where b is greater than or equal to a + 14.</p>	<p>R66025, R76969, AW043721, AA553904, AI417134, R58054, U77970, AR059959, U51625, U77969, AR059960</p>
1869	HWLXP93	877319	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1232 of SEQ ID NO:1869, b is an integer of 15 to 1246, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1869, and where b is greater than or equal to a + 14.</p>	<p>AL119992, AI968101, AI806911, AI656159, AI299706, AI918763, AW021370, W49735, AA805636, AA906238, AA884471, W49632, T77508, AW190697, AW020878, AA812095, AA805395, AI767210, H08971, AA909382, AA325979, AA805574, AI911384, AI520787, AC007239, U79290</p>

1870	HUKBC55	877320	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 119 of SEQ ID NO:1870, b is an integer of 15 to 133, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1870, and where b is greater than or equal to a + 14.</p>	AA299388	
1871	HE9FH60	877321	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 408 of SEQ ID NO:1871, b is an integer of 15 to 422, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1871, and where b is greater than or equal to a + 14.</p>	AC005037	
1872	HHEFC89	877324	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 615 of SEQ ID NO:1872, b is an integer of 15 to 629, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1872, and where b is greater than or equal to a + 14.</p>		

1873	HCEOF08	877326	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1393 of SEQ ID NO:1873, b is an integer of 15 to 1407, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1873, and where b is greater than or equal to a + 14.</p>	<p>N20930, AL135016, AL134824, AA702162, C03031, AW172587, AI139490, AW057590, AI809330, AI521171, N27797, AI953095, AI307324, AA705112, AA969165, AA284734, AA325231, AI219990, AA287154, C03026, AI122656, AA772255, AA782094, AW073074, AI685711, AW192900, AI659385, AA044259, AW451578, AI001129, R28506, R28654, AW296185, AA044143, AF034374, AJ224328</p>
1874	HLHBZ17	877327	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 693 of SEQ ID NO:1874, b is an integer of 15 to 707, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1874, and where b is greater than or equal to a + 14.</p>	<p>C15947, H86703, AA359866, D61503</p>
1875	HWLRP86	877329	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 251 of SEQ ID NO:1875, b is an integer of 15 to 265, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1875, and where b is greater than or equal to a + 14.</p>	<p>AI093660, AW327590, AA706690, AW296986, AA156871, AA243570, AA394118, AA402938, AI870692, AI635237, AI139325, AI286284, AW298025, AI830613, AA736608, AW008771, AW004643, AI277887, AI040732, AA628965, W93926, AI352001, AA954225, AI278572, N33931, AI128499, W46369, AI159880, AI362660, AI350268, AA622742, AA887292, AI276858, AA250840, AA437277, AA039774, AI242916, AI187707, AA804951, AI277891, N63418, AA557131, AA662472, AI251864, AI097294, AA991440, H99028, AI572652, AI610660, AA055193, AI378407, AA719806, AI423797,</p>

1876	HISEQ81	877331	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 499 of SEQ ID NO:1876, b is an integer of 15 to 513, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1876, and where b is greater than or equal to a + 14.</p>	AA729670, AA446337, AI311820, W81234, AI300798, AA156771, AA447436, AI189310, AA664607, AI091132, AI589143, AA918355, AA929050, AI095636, AA563972, N39264, N62211, AA936816, AA932784, AI868453, AW088157, AA970862, R77959, AI205800, N32013, AI582264, AI376345, AI224485, AI274254, AI334251, AI401393, AI079459, AI091021, AI277813, C14412, AI626008, AI279571, R26078, D80204, AA621068, AI400442, R80543, AI479083, AA641535, AI378637, W81271, W81215, R62807, H00547, C14369, AI784466, AI160567, AI160569, C14400, AI926459, C14352, AA442355, C14220, C14335, AA687810, C14509, AA907451, AW025906, AA459765, AL040127, AF125099, AR029580, AF194030, AL133075, S77771, AF114784, AL137429, AL117443, AF207750, AL133645, U67958, S78453, AL137554, Z30970 AA251070, AA663366, AL035663, AC008085, U85196, AE000660, AC004707, AC006023, AF045450, AL133247, AC004897, AL031390, AF135487, Z83850, AF121782, AL109922, AL034410, AC007567, AC007043, AB026898, AP000500, AP000027, AC000064, AC007566, AL031775, AL023581, AC004381, AL022069, A60169, AC023172, AL008629, AF072497, AC009946, A60201, AC004020, AF072499, AF064860, AF072501, A60173, A60168, AB024464, AB024472, AB024457, AB024458, AB024460, AB024479, AB024484, AB024488, AB024459, AB024469, AB024471, AB024478, AB024481, AB024462, AB024467, AB024463, AB024470, AB024473, AB024475, AB024474, AB024482, AB024476, AB024465 AA779795, AI808514, AA632293, AW263707, AI264254, AI573067, AI268002, AA983452, AI863711, AI434573, R38583, N66320, AA297783, AA889997, AW020741, AW084236, AI961833,
1877	HWLWA0 7	877332	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	

1878	H2CBS31	877333	<p>the general formula of a-b, where a is any integer between 1 to 636 of SEQ ID NO:1877, b is an integer of 15 to 650, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1877, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 707 of SEQ ID NO:1878, b is an integer of 15 to 721, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1878, and where b is greater than or equal to a + 14.</p>	<p>AW409834, AI914107, R37238, AI202244, AW050863, AI656365, AA318265, Z39970, AI767672, AA757332, AI557697, AI547137, T69960, AI541216, AI535787, AI547038, AI557382, AI541533, AL122101, AL008582, AL035659, U44059, U06935, Y11149, AJ132931</p>
1879	H2CBN88	877334	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 550 of SEQ ID NO:1879, b is an integer of 15 to 564, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1879, and where b is greater than or equal to a + 14.</p>	<p>AI248204, AA677184, AI380963, AA284845, AW081587, T18597, AI525556, AI557084, C14322, AI541205, AI525500, AI557533, H65400, AW023216, AI557082, AA308485, AI541321, AI557731, AI557238, AI557263, AI557602, T69960, AI541034, AI557258, T61541, AI557697, AI535813, AI525856, AI557543, AI541027, AI535994, Z66121, AR050070, A62298</p> <p>AA054379, AA307842, AA018519, AI581828, A59459, A59517, AF048695, U52377, A59470, U53138, A59468, U52375, A59469, U52376, A59466</p>
1880	HWL0K01	877336	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AI287235, AA587620, AA729307, AI821703, AI698647, AI688112, AI767799, AA887822, AA973956, AI693558, N78520, AI824444, AI609594, AI682837, AI690813, AI584118, AI824357,</p>

1881	H2CBR23	877338	<p>the general formula of a-b, where a is any integer between 1 to 263 of SEQ ID NO:1880, b is an integer of 15 to 277, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1880, and where b is greater than or equal to a + 14.</p>	<p>AI224373, AI886355, AI537516, AW167777, AI911020, AI567802, AW151451, AI954293, AW194014, AI888095, AI439903, AW079859, AI885905, AI635528, AI049669, AI689096, AI636309, AW131165, AW090681, AW084440, AI538008, AI784230, AI491710, AI925164, AI220828, AI432532, AI696714, AI472566, AI874238, AA761557, AI251221, AI620643, AI886940, AI285439, F34241, AI553926, AI628325, AI559863, AI954095, AA743430, AI804505, AI357902, R39624, AI918554, AW079572, AW084896, AI580694, U82987, AC005218, I09499, AF109683, AL096728, AJ001388, X52220, U57715, AF188712, X95310, U51123, AF081571, X66975, X57084, U79523, X66862, AF090923, AB031064, X68560, AF078844, AF114818, I22272, AL137663, E02253, X60786, AF002672, N92439, X99226, X98066, AL133067, AJ132433, AF153205, AF167995, AR064250, AF119337, AL133069, AF114170, AF200464, AF090886, X63574, Y08769, AR012379, AF141976, X06146, AF077051, AF003737, L40386, A65341, AL080146, J05032, AL050108, AJ012755, AF038847</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2508 of SEQ ID NO:1881, b is an integer of 15 to 2522, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1881, and where b is greater than or equal to a + 14.</p>	<p>AW340662, AW316660, AI970681, AA889159, AI458059, AI590367, AI679607, AI797703, AW338264, AI739401, AA523715, AA425084, AI216290, AA515788, AA526334, AI677745, AA134355, AI674509, AA143532, AA313282, AA927236, AA315699, AI620159, AA922890, AW062635, AW374778, AA100752, AW374734, AW368107, AI214469, AA134354, AW368106, AA385843, AI919003, AW379835, AW389815, AW206252, AA213695, AA305544, AW418789, AW368007, AW368008, AW374786, AA313396, AI940533, AI940454, AW062630, AI920939, R25623, AW176592, AA376950, AW389787, T48510, AW178927,</p>

1882	HCYBK82	877339	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 441 of SEQ ID NO:1882, b is an integer of 15 to 455, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1882, and where b is greater than or equal to a + 14.</p>	AA314737, AW262708, AA626931, AW390922, AA074381, AI219498, AW390912, R27011, AW390971, AW391129, AW379257, AW391053, AA746736, AW390981, AW276892, AW391030, T24527, AI815057, AW057823, W52053, AA524509, AW374790, W60597, AF132818, D14520, AF079852, D82785 AA305544, AI970681, AI590367, AI797703, AA425084, AW316660, AI458059, AI739401, AI679607, AA889159, AW340662, AA922890, AI677745, AI216290, AA515788, AI674509, AA134355, AW338264, AI620159, AA100752, AA927236, AW206252, AI273521, AI919003, AA626931, D59859, D80227, D80269, D80195, D59275, AI214469, D59502, D80391, D59787, D58283, D80038, D80022, D80166, D51799, D81030, D59610, D80196, D59467, D51423, D59619, AA524509, D80378, D80210, D80240, D80253, D80043, D80164, D80212, D50979, D80193, D80188, C14331, D80219, D59927, D57483, D50995, D80366, D59889, C14389, D80241, C15076, D80024, AA305409, D80045, C14429, D81026, T03269, C75259, D51060, AW178893, C14014, AW178775, D80134, D51022, AW179328, D80949, AA514188, AA305578, D80268, F13647, D51250, AW177440, AW378532, AW418789, AW369651, D80522, D58253, C14227, D80168, AW352158, D80251, D81111, AA514186, D80248, AW178762, AW177501, AW177511, C14298, AI910186, Z21582, AI905856, D80064, D80133, AW352117, AW360811, C14407, AW377671, C05695, AW176467, AW375405, AW360844, AW378540, D80132, AA285331, AW366296, AW360817, AW375406, AW178905, AW378534, AW352171, AW179332, D51097, AW377672, AW179023, D80439, D80302, AW377676, T03116, AW360834, AW352172, AW352174, AW177505, AW360841, AW178909, AW178907, AW178906, AW352170, AW177731, AW178754, AW179019,
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1883	HCRMK82	877340	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p> <p>AW262592, AW367357, AI953876, AW265047, AI290247, AI261967, AA826909, AI336616, R46813, AA055350, R39815, N73560, H16260, AW365173, AC006251, X68487, M97759, AR044912, I20962</p>

1884	HD/TBO06	877344	<p>the general formula of a-b, where a is any integer between 1 to 844 of SEQ ID NO:1883, b is an integer of 15 to 858, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1883, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1405 of SEQ ID NO:1884, b is an integer of 15 to 1419, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1884, and where b is greater than or equal to a + 14.</p>	<p>AI627846, AI686196, AI766030, AA159730, AA159731, AI478216, AI745281, AA683246, AA252582, AW085579, AA936240, AA464699, AA732427, F11142, N62186, AA825887, N90846, N77132, AA376347, F08813, H50638, AL121257, AL021937</p>
1885	HEGAM94	877346	<p>the general formula of a-b, where a is any integer between 1 to 1999 of SEQ ID NO:1885, b is an integer of 15 to 2013, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1885, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1999 of SEQ ID NO:1885, b is an integer of 15 to 2013, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1885, and where b is greater than or equal to a + 14.</p>	<p>AI935271, AI762915, AI809275, AA398950, AI127111, AI813351, AA749298, AA705921, AI343768, AA776967, AA766587, AW070583, AI052069, AA291984, AA715043, AA460658, AA804876, N44967, AA394137, AW071467, N93279, AI343843, AA393817, AI452856, AA292934, R90963, W72279, AA861873, AA526081, AI819873, AA226137, AA262543, R72676, T17354, AA514931, R73310, R90959, W25119, R64455, AI783605, W76306, AI624523, AA490863, AA261906, AI864544, AW068181, AA860972, R72980, H83354, AA359560, AI632879, AA291985, AA255873, AA325261, AI057127, R48640, R18641, AA461005, AA261923, R18640, H83702, Z38970, N36710, AL134185, H90736, H59529, H90786, AI784395, AA652150, AA652026, H60402, Z42828, AA226136, AA776284,</p>

AA491047, AA393770, AA909279, D20449, AI696435,
HI1527, AA398313, R41605, AI584130, AI473208,
AI862134, AI273856, AL036705, AI539260,
AI673140, AA715307, AA809974, AI369807,
AL135047, AI440260, AW083572, AI554344,
AA580663, AI683972, AI440238, AW151974,
AI923989, AI440263, AI683568, AL138376,
AI554821, AW020561, AA641818, AA761557,
AW366372, AI653402, AA115869, AA748353,
AW055075, AI432644, AI538298, AI089748,
AI587000, AI590043, AL134830, AI682640,
AI954080, AI691131, AI572396, AW087262,
AI094749, AW162194, AI613038, AI557104,
AI866469, AI539690, AW089439, AI475270,
AW087445, AI625293, AA065052, AI289310,
AI678857, AI445505, AI370965, AA282824,
AI866457, AI872423, AL135012, AI591093,
AI219380, AI250282, AI889728, AI567582,
AI468959, AW151132, AI498716, AI538805,
AI419826, AI921155, AI685798, AW075382,
AI149977, AW195253, AL119748, AI915795,
AW243886, AW130129, AI925736, AW168012,
AI798114, AL121270, AA609644, AI440236,
AW268122, AI680221, AI064830, AI473471,
AI623389, AI283322, Y11254, AR050959, AC002464,
X06146, AL137557, AJ238617, AF150103, D44497,
AL031732, AI5345, AL133084, Y18678, A93914,
AF126247, AF100752, AL133608, AL110171,
AL117460, M85165, I03321, U49434, AL137539,
AL137459, AF082526, E12888, AF145233, AF118094,
AL133113, U92992, AC002287, AF017437, I33391,
AL133637, AF069506, AL122101, AL133080,
AL133053, AL122049, U70981, AF115392, X82434,
AL117587, U67082, AL137284, AR034821, X15132,
AF043642, AL137479, AF051325, I46765, S63521,
AF004162, AF161413, AJ238093, AL122110,

1886	HDTAH72	877347			AF113699, AL137558, AL078630, U42766, AL133049, AL080074, AR066486, E12580, AL050149, U51123, AF146568, U53505, AR064250, Y10655, AL137526, AF159148, AF039202, AL049276, X63410, AB026995, I52013, U55017, X67688, U68387, AL133015, AF010191, S78453, AL050280
				Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1879 of SEQ ID NO:1886, b is an integer of 15 to 1893, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1886, and where b is greater than or equal to a + 14.	AI268315, AI344319, AA531249, AI952869, AI492586, AA588629, AW044245, AI246254, M78525, AA621945, H97851, AW082375, R34105, AA376468, AA376668, AA376330, AA224458, R34106, AA166983, D58161, AI919577, C21057
1887	HARAG42	877351			AA534438, AA296922, AI732343, AA502919, AI732203, E13091, AR028526, AF048700, E13090
				Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 419 of SEQ ID NO:1887, b is an integer of 15 to 433, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1887, and where b is greater than or equal to a + 14.	
1888	HCQDL20	877355			R10554, AA873089, AW007836, AA376913, AA702706, AI861809, AI052145, N74374, AI739300, AW055276, T40120, AA343939, T40984, J04813, AF209389, S53047, M14096, M18907, X12387, J04449, AF182273, D31921, M13785, X90579, L26985
				Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 399 of	

1889	HLQGF34	877356	<p>SEQ ID NO:1888, b is an integer of 15 to 413, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1888, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 769 of SEQ ID NO:1889, b is an integer of 15 to 783, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1889, and where b is greater than or equal to a + 14.</p>	<p>AW007836, AA873089, AI052145, AA702706, AI739300, N74374, AW055276, T40984, R10554, T98255, N74426, AA376913, AA416822, T40120, AI861809, AI678780, AA343939, T98311, AA878869, AI761228, X90579, L26985, AF209389, J04813, S53047, X12387, M14096, M18907, J04449, D31921, AF182273, M13785</p>
1890	HCDCF78	877358	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 385 of SEQ ID NO:1890, b is an integer of 15 to 399, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1890, and where b is greater than or equal to a + 14.</p>	<p>AI703276, AW188039, AA451771, AA316434, AI690259, AI681353, AA045904, T29610, AI627945, AW188125, AW188144, AA099043, AW237788, AI470110, AW170058, AI654577, N21480, AI678192, AI745496, AW292165, AA449964, AI167571, AI186510, AI392894, AI459190, AW196865, AI761196, AI199686, AA767664, AW373992, AI129612, AI272655, AI272824, AW051688, AI765956, AI220043, AA099044, AI681033, AI628056, D17400, M97655, D25234, L76259, M77850, U63380, U63381, U63382, U63383</p>
1891	HMIBE59	877361	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3021 of</p>	<p>AL043108, AI912625, AI268389, AA541465, AA626702, AI814451, AA703936, AW137200, AI769406, AI814300, AA843784, AI677825, N90942, AL133947, AI122639, AI583230, AI956122, W58349, AA043151, AI911861, AI146802, AA433844, AA829527, AI829684, AA393149, AI248810,</p>

<p>SEQ ID NO:1891, b is an integer of 15 to 3035, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1891, and where b is greater than or equal to a + 14.</p>	<p>AW148927, AI693209, AA313329, AI634356, AA165311, AW015279, AA435562, W48807, AA770568, N33995, AW337556, AI200909, W52177, AI925678, C75536, AA740996, AI056139, AA639344, AA062558, AA044616, AI270757, N51453, AI088578, W49807, AI302975, AA975134, AA176436, W58474, AI288721, AI090980, N36852, AW440100, AA708923, AW403227, AA746255, AA846487, AI075216, N56895, AA644436, W60313, W52178, W60262, N34473, R80598, N35139, AA063056, C75383, AW080740, N46123, AA468100, AA888852, AI339843, R80597, AA178883, N36227, R23907, AW272245, AI185045, AW204631, AI244465, AI347721, AA305934, AA158097, AW027841, R23998, N36871, AA262561, AA626808, AA040760, AI597694, H13872, R78677, AI127632, AA158096, R24938, N46141, AA165180, H94816, AA165152, T28111, H89174, T20158, AA857506, AA169476, AI523244, H97960, AA366030, AA885512, N32999, AA042803, AI291968, AW271335, AI928012, AI582354, AA905984, AI374631, AI391678, AA654121, AI470822, AI659820, AI435866, AA478972, AI672499, AA782245, AI683540, AI242454, AI963948, H83799, AA098811, AI970953, AA098979, W47019, N24550, AI656583, AA098926, AI811590, AI346328, AI702054, AA771762, AI926667, AI565050, AI669676, AW300195, AI078689, AI910690, AA991913, D20104, AA610706, AA329386, AW023680, H80964, AI824554, T70014, R23906, AI432060, F00987, AA677620, AA450363, H00588, AW179301, R45201, R82731, AI912968, AA100143, AI681692, AI015103, R78922, N89579, D31543, R23127, T39145, AA069266, R23125, H83940, AW404323, AA730321, AA091296, R23124, AA069494, AA808762, AI674511, T69942, AA319786, AI370594, AA370257, R23126, Z28753, T29433, T10467, AI420216, AI365551, AI597664, AI972622,</p>
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1892	HMKAK86	877363	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 362 of SEQ ID NO:1892, b is an integer of 15 to 376, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1892, and where b is greater than or equal to a + 14.</p>	AA243213, T35681, C04078, C75653, T11331, T40433, AA169471, AA973669, W46200, AA836447, W23989, T18555, T11401, T39150, AA094342, AI824772, W17101, N91885, AA453560, T11352, T10404, N47782, AA091310, C00888, AA165310, T27528, AA248615, AI420657, R79019, T25720, AA809895, R31791, D45259, R63697, AA089814, AA863104, AI095737, T11400, AA523550, AA913502, AI218901, AI827982, A93912, M31470, A93910, D49727, D50264, D49726, D49725, AC003957, AL035361, R62747, AA853568, AA916254, AA969277 AA190594, T40630, AI920974, AI055924, AW081296, AW103255, AA037707, AI269490, AA181191, R22340, AA053866, AI923333, AA516448, AA344620, AA347824, H05424, H02246, R22341, T40694, AA344748, AW449318, AA737586, AI950008, AA037725, AA345669, AA302793, AA302797, AI355125, T39494, AW150691, AA902521, AI278972, AI270407, AB033054
1893	H6EDF71	877370	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1290 of SEQ ID NO:1893, b is an integer of 15 to 1304, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1893, and where b is greater than or equal to a + 14.</p>	AW190446, AI961479, AI923277, AI884400, AW129387, AI432621, AI701980, AI613026, AA418709, AI635480, W93648, AI491762, AI270167, AI280720, AA918056, AA938271, AA418701, AI338213, AI707674, AI476785, AA478755, AI082024, AA455447, AA834685, AI742309, AI857345, AW090377, AI708271, AI016116, AA588253, AI167998, AI445021, AA455448, AA669129, AI474588, AI208596, AW015585, AW015582, AI283110, AA773711, AA558268, W93910, D54259, W52496, AW195549, AA418855, AA937302, AA960793, AA976090, AW105521, N62182, AA009747, AI686709, AW178327, AI275229, T39172, AA471190,

1894	HOELC15	877373	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2603 of SEQ ID NO:1894, b is an integer of 15 to 2617, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1894, and where b is greater than or equal to a + 14.</p>	AA777967, AW166867, AA535376, AI884496, AA953028, AA969906, AW276245, T40454, AI889115, AW137558, AA279095, AW393132, AA773707, AW393156, AI932456, AA648104, H16423, X69398, Z25521, AF017437, AB012693, Z25524, D87659 AI625476, AI379830, AW190863, AA861203, AI952079, AI921025, AI955634, AI587088, AI926590, AI572602, AW079778, AI818020, AI978757, AI963206, AI955860, AW190795, AI587161, AI924265, AW190680, AW192746, AW152121, AW337223, AI823711, AW190516, AI623641, AI674875, AI624269, AW192636, AI573153, AI620393, AI538927, AI683156, AI860782, AW074297, AI683833, AI685181, AI923388, AW173674, AI587424, AI627454, AI453249, AW131016, AI623652, AI984752, AI084796, AI802264, AI110775, AW074064, AI571619, AI097497, AI804583, AI697355, AI445032, AI570335, AI884376, AI587134, AI754165, AA910529, AI560022, AI813449, AI028123, AI333407, AI753639, AI432646, AI683000, AI818473, AI628183, AI913951, AI193030, AI587385, AI190931, AI571989, AI520669, AI198766, AW152597, AI587043, W94653, AI520755, AI868031, AI492736, AI190373, AI571651, AI971361, AI285408, AI250818, AI299640, AA599333, AW337268, AI992004, AI313475, AI191817, AA872416, AA921724, AI754230, AI962031, AI289514, N24418, AA622296, AW152146, AI753534, AI751083, AI074992, AI436436, AI559198, AA173912, AW337830, AA722578, AI304733, AI632052, AA854050, AI680348, AI751084, AI086679, W45594, AI610384, AI086711, AA716327, AW241380, N40742, AI076955, AI692374, AI754958, AI358461, AA904719, AI262790, AA947025, AI247519, AI280126,
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1895	HAJBN08	877375	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 536 of SEQ ID NO:1895, b is an integer of 15 to 550, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1895, and where b is greater than or equal to a + 14.</p>	<p>I50133, AB012117, Y17187, I09494, A45456, AR066488, AR016514, AR060138, A26615, AR052274, AR008277, AF008281, A85396, AR066482, A44171, X64588, Y09669, A85477, A43192, A43190, AR038669, I19525, A86792, AF135125, AR066487, X93549, U46128, AR066490, I14842, D88507, AR016691, AR016690, AR054175, D50010, I18367, A63261, AL133015, AR008408, I79511, AR062872, A70867, AL080118, AR029580, D13509, A64136, A68321, AR060133, A08456, A31057, T47722, T47723, T55703, T91272, T78911, T78964, T95679, T96956, T97068, T98840, T99143, R00385, R21263, R21264, R31911, R31957, R62970, R63024, R63509, R63555, R78123, R79931, R80019, H03256, H04441, H27156, H47899, H47900, R92467, R98387, H78782, H79278, H79389, H85490, H96640, N20906, N30033, N31502, N74163, AA026408, AA040602, AA040685, AA079412, AA173557, AA190828, AA491953, AA492100, D78982, N85431, W26462, C00757, AA173722, C75590, AA600070, AA678220, AA732900, AA852262, AA852355, T23896, T23897, T23930, F05444, AI360546, AI473496</p>
1896	HFVHT62	877377	<p>Preferably excluded from the present invention are one or more</p>	<p>AA350728, AA316351, AA112015, AA216692, AW246040, AA693635, AW407512, N55660, AI362985, AJ002190, AF043937</p>
			<p>Preferably excluded from the present invention are one or more</p>	<p>AI739135, AI066521, AW173105, AW261971, AL039012, AI954494, AA830348, AA284072,</p>

1897	HILBZ32	877378	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 843 of SEQ ID NO:1896, b is an integer of 15 to 857, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1896, and where b is greater than or equal to a + 14.</p>	AA789097, AI005313, AA777794, AI041134, AA856987, AI700317, AA769862, AA804528, AA831168, AA494334, AI143496, AI141222, AI372907, AA831166, N64843, N92087, AA769007, AI075136, AI076701, AA305065, AI076409, AA315766, AI273523, AA450169, AA314707, AA284166, AA158102, AI352491, AA257019, T96666, T28941, AA352693, AA627383, AA257103, AA464156, AI206700, T96781, AA158059, AA055005, AA757304, AW059834, AW340182, AA092745, AI678081, AW368066, L27711, U02681, I30245, L25876, AL049778
1898	HAPOR25	877380	<p>preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 765 of SEQ ID NO:1897, b is an integer of 15 to 779, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1897, and where b is greater than or equal to a + 14.</p>	AI739135, AW173105, AI066521, AW261971, AI954494, AA830348, AA789097, AA284072, AA804528, AI005313, AA777794, AI041134, AA856987, AI700317, AA831168, AA769862, AL039012, AA494334, AI143496, AI141222, AI372907, AA831166, AA769007, N64843, AI075136, AI076701, AI273523, AI076409, AA305065, AA450169, N92087, AA315766, AA158102, AI352491, AA314707, AA257019, T28941, T96666, AA627383, AA464156, AI206700, AA257103, AA284166, T96781, AA158059, AA352693, AA055005, AA757304, AW059834, AW340182, AI678081, AW368066, AA450104, AA092745, L27711, U02681, L25876, I30245, AL049778
1898	HAPOR25	877380	<p>preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3296 of SEQ ID NO:1898, b is an integer of 15 to 3310, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	AW272420, AW242297, AA165082, AW263065, AI378393, N34290, AA488409, AI347346, AA701568, AI174216, AI668973, AI918787, AA948264, AA594684, AW299275, AI222510, AI243187, AW070414, AI076437, AA488545, AA470051, AW380452, AA164540, AI076271, AA657436, N75339, AI473793, AW025483, AA701579, N58947, AA577451, R77252, AA897628, T62571, AA102397, R77251, AA704389, AI697267, AA826647, W90783, AA632480, AI032244, AA583140, W01846, T31054, Z43387,

1899	HELBN30	877384	NO:1898, and where b is greater than or equal to a + 14.	<p>AI824451, AI244271, H62456, AA916276, AI084430, T29815, T62961, AW444516, D25970, N48191, T63212, AA252955, AW419194, H61450, T63194, H17988, AA939180, AA535982, T35269, AA962328, R06301, AW304307, R68203, AW368013, AW364400, AW364354, AI264114, R68204, R06246, AW364364, AI262874, AW364338, R89888, N44181, AW384579, R89849, AI565221, AW050406, AW362424, AW384580, D12170, AW294181, T24830, AW337772, AW364399, N53338, W90688, AA253123, AA102379, H17987, AI344295, AW364396, X73882, Y15197, AL023284</p> <p>AA059485, AA278695, AA654731, AA278203, AI475552, AA001323, AA057712, AI628148, AI935011, AI479111, AI248082, W49737, AA009479, AW449837, AA447481, R06619, AA040474, AI925539, AI347058, AA740520, W86694, T29489, AA341731, N59177, AA632345, AA057395, AA836847, AI683333, AI805718, AA120879, H59542, AI379485, R25939, AW182401, T95573, AA281718, AI918021, N41576, AA262292, AI425046, R01630, T50780, AA993907, AW151322, AI911765, AA740339, AI186344, AI583330, W25428, AI193756, AA001910, N75914, AA921773, AW363532, AA693648, AI242044, AI753406, AA588342, M60618, AF056322, U36501</p> <p>AI096627, AI750041, AI589918, AI971206, AI567485, AI870013, AI492558, AW082735, AW071873, AW068564, AI494149, AI431911, AA158252, AI422826, AI493768, AI363488, AI460100, AW104306, AA100840, AI755276, AA476207, AI992015, AW026405, AI190217, AI738539, AI439206, AA037160, AI361483, AA877117, AA425180, AI372673, D80801, AA678831, AI376927, AA160849, AI038534, N77542, AI418906, AI359937, AI084962, AI356122, W88956, AI499098, AA325211, N62261, N94717, AA043409, AA789304, AA355373, AI372674, H63354, AA313505, AA351821,</p>
1899	HELBN30	877384	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1170 of SEQ ID NO:1899, b is an integer of 15 to 1184, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1899, and where b is greater than or equal to a + 14.	
1900	HHFMH12	877387	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3864 of SEQ ID NO:1900, b is an integer of 15 to 3878, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1900, and where b is greater than or equal to a + 14.	

1901	HBXAC19	877388	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 161 of SEQ ID NO:1901, b is an integer of 15 to 175, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1901, and where b is greater than or equal to a + 14.</p>	<p>AA349465, D80800, AI937868, AA102488, AW150270, AA349466, AW339965, AA330631, AA158399, AW083453, AA156068, AA350488, AA161281, AA654017, AW075493, AI094530, AI205125, AI686221, H41345, W89039, AA548969, AW338483, AI334361, AA102489, AI961671, AA351820, AI570099, AA367255, T98883, AI926390, AA631107, AA301787, AA143489, T18598, AA102418, AW189862, AA027021, AA376185, AA904590, D31580, AI590590, AW082999, AA702382, W88756, AL042199, AW134571, AI198157, AW009324, AI811883, AW003196, D29325, D29337, AI702386, AA043408, R45887, H50462, AI858384, AI624949</p>
				<p>U57001, U66406, U62775, AF025288</p>
1902	HWLNV37	877390	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1793 of SEQ ID NO:1902, b is an integer of 15 to 1807, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1902, and where b is greater</p>	<p>AI887998, AA452467, AI498141, AI468007, AW088566, AI143229, AI468019, AI924042, AI302076, AW130545, AW406571, AA552071, AI857610, AI148267, AA496087, AA148266, W37673, AA805118, AA894716, AA416636, AA729667, AA722262, N44792, AI436679, AI313409, AA846175, AA866080, AI126664, AI459662, AA569841, AA865000, AI313239, AA708711, AI184015, AI311722, AA626625, AW406853, AW189410, AW406861, AA406040, AA976761, AI186007, AA136156, AW193942, AI150739, W15643, AI365686,</p>

			than or equal to $a + 14$.	AI498762, AA865546, AI189894, AA740394, AA133324, AI129125, AW022772, AA493572, AI202523, AA676968, AA329249, W05485, AI038788, AA716709, AA126228, N25485, AA830025, AA126339, AI358727, N56854, AA978006, AI719099, W37534, AA953629, AA663651, AI693987, AA076372, AW090432, N32431, AI362222, AA617762, AA782855, AI161045, C04906, AI356648, AI371415, AA136072, AW044060, AI937310, AA416713, AI500608, AA991563, AA126566, AA305695, AI358972, AI926596, AA384023, T40849, AA076501, AI991793, AA730185, AI698869, AI949134, AA687665, AA121023, AA988991, AA369523, AW275473, AA339483, AA300942, N35481, AI363884, AA369524, AA355468, AA845483, F29460, W52535, AI810861, AA582099, H19093, N80825, AA708946, AA384975, AA379550, AA373476, AA648147, AI818027, AA534415, N56694, AW083204, AA372060, AA496767, AW007697, AA748067, AI655704, AA987626, AA042892, M62297, AA043512, AA043513, AA384593, AA372059, AI086772, AI279119, AI635811, AA384973, AW002936, AA480294, AI276970, AA515682, AA043019, AA773750, AA169816, AL038644, AA133400, AW080380, AI434682, AA384974, AI300543, AA176343, AI278392, AA706110, AA678943, AA515683, N20394, AA375542, AR030958, AB014532, AC004922, S77329, U11861, AF058791, T39861, AI421422
1903	HWHQH17	877393	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2796 of SEQ ID NO:1903, b is an integer of 15 to 2810, where both a and b	AI346901, AI191444, AW001394, AL036955, AI660571, AI818120, AI018511, AI052368, AW027921, AW007170, AA603096, AW057755, AA485948, AI149233, AW081475, AI677997, AW410351, AW300638, AA488667, AW409854, AA402239, AA486496, AA486050, AW409878, AA486507, AW409856, AW194332, AA554501, AW084623, AA409835, AA617980, AI040998,

		correspond to the positions of nucleotide residues shown in SEQ ID NO:1903, and where b is greater than or equal to a + 14.	AI804511, AW410178, AI434575, AI589609, AA664262, AW409614, AA430234, AA479644, AA488187, AW305031, AA410912, AI313158, AA488684, AI355319, AA430559, AI190998, AA676466, AW409596, AA476902, AA878887, AA902228, AI687559, AI074371, T51288, AA459629, AW303926, AA599915, AA485902, AI126733, AI445068, AW409577, AA593873, AI016575, AA719627, AA488240, AA482604, AW303900, AA486198, AA430025, AA847289, AA188216, AW409876, AI246054, AA402700, AA421202, AA416583, AA847234, AA630648, AI802458, AA211469, AA190840, AW025006, AA035463, AA186363, AA992133, AA670258, AI469676, AA426620, AA179226, AW300817, AI161092, AI199582, AI339697, AA993589, AI083639, AW001456, AA758347, AA633544, AA987682, AA486304, AI889937, AI581339, W45576, AA701272, AI565866, AI347560, AI079926, AI146534, AA601655, AI459359, AA489322, AI247541, AI469729, AI074396, AW001571, AA579941, AI278644, AI459387, AA513381, AA477332, AI076715, AA976943, AA833630, AA149959, AI921791, AI280849, AI174208, AI066715, AI285157, AA194865, AA132930, AI673225, AI269574, H16257, AA588880, AA133075, AA188878, AA627878, AA025145, AI568930, AA196286, AI220665, AA723359, AA954162, AA489559, AA630299, AA135404, AA188819, AI362548, AA132630, AI095498, N78671, AI453521, AA804703, H05127, AA477015, AI802650, T71317, W20292, AA665815, AA186894, AI984554, AA488648, W72251, AI094464, AI810394, W03180, AA026596, AA112256, AA486030, H39838, AI074194, T68162, AA111856, AW247688, AA029620, AI091141, AI700362, H39837, AA724925, W69320, R76662, H95672, W37885,
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1904	HDPFP36	877396	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4025 of SEQ ID NO:1904, b is an integer of 15 to 4039, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1904, and where b is greater than or equal to a + 14.</p>	AA852208, AA852209, T10360, T10361, T58496, F03496, AA694056, AI269768, AI560475, AI139867, AI150406, AI659249 AW242873, AI638226, AW014789, AI928114, AI478983, AI075890, AW242842, AI675131, AW014540, AW372249, AA630413, AI313145, AI653172, AA134046, N32561, AI752719, AI653034, AA489839, AA551242, AA480899, N53472, AI092888, AI479478, AA210774, W00846, AI761985, AI276657, AW151703, AI830594, AI589236, N41905, AI753040, AI335745, AA489659, AI027334, W46149, W57952, W58099, AA846532, W58085, AI423910, AI126500, W00854, AA923540, AA669903, W73619, AI620667, AA312838, AI041901, AA126268, AI357683, W58035, W73667, AA232572, AW002525, W03762, N98674, H06349, AA700807, AA134045, AA283647, AI752720, AI693833, AA064885, AI093714, AI033028, AI167615, AA902590, W46161, N23622, AA704812, AA910235, AA126386, AA480960, R40680, AI032472, N41728, AI675041, AI590268, R80530, AI344793, R80419, AA480245, AA991447, R86064, H06293, AI318610, AA064808, AA810121, AA283646, H98584, N23621, AA811695, H09433, AI241317, AI470594, R40250, AW181920, AA374575, H09084, T90456, AA569988, H84159, H84160, AI700949, H89683, N66151, R14352, AA373949, R14299, AI538863, AA644291, N89241, R91989, N68235, AA810813, AI084359, N72476, AI547027, AA232625, H89759, AA564759, AW382356, AW371061, R57492, AA249229, H97526, D50917 AW004054, AI135021, AW173336, AA846316, AI208817, AA861115, AW377287, AI884576, AA403122, AW377237, AA449008, N22548, AI612907, AI697252, AI337225, AA488782, AA166884, AA114179, AA824590, AA723930, AA488998, AA534667, AI335733, AA922029, AA846011,
1905	HCFMY07	877406	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3975 of</p>	

1906	HSYBP46	877408	<p>SEQ ID NO:1905, b is an integer of 15 to 3989, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1905, and where b is greater than or equal to a + 14.</p>	AA732053, AA807156, N31650, D61907, AA604009, AL121217, C75317, AI183839, AA285257, AI631612, AI701860, AI872948, AA724511, AA593781, AI955474, AA490358, AA348286, AW014127, AA034503, AW382984, AA114216, AA714035, N44341, AA083061, AA401848, D82796, AA813448, AI707514, AW242769, AI695226, AA039307, D82808, T57805, AI865947, AA490260, D79331, H45236, AA312976, AI904624, R62919, D59331, H67517, R62920, T96420, R21224, D62945, AI648439, AW383006, AA789111, R63601, D62711, AA336494, AA340489, T39404, AA247910, N67607, T82367, AW070205, T27263, AI625255, H68430, AI824522, D82698, R21223, AI401720, N59296, AA249438, AI217233, D82710, D59332, AA565565, AA450364, R95490, AA490906, C01268, AW363022, AA913585, AA491092, E13124, U42424, U58512, U61266
1906	HSYBP46	877408	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2615 of SEQ ID NO:1906, b is an integer of 15 to 2629, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1906, and where b is greater than or equal to a + 14.</p>	AI963125, AI609225, AI884581, AW069271, AI953978, AI567519, AA703985, AI858101, AI281477, AA878466, AW084603, AA004204, AI755045, AI753615, AA122291, AW150834, AL038513, AA706823, AI814914, AA127736, N32519, AA706805, AI564735, AI670785, AI754803, AI888126, AI654845, AA452231, AW385337, AI160667, AI755281, AI122842, AI127349, AW088731, AI083555, AA609330, AA058930, AA486379, AW021109, W93848, AA115524, AI090089, AI570898, AI262822, AA903134, AI697486, AI088658, AA121511, AI580763, AL038512, AW439391, AI341677, W52306, AA010309, AW069115, AI127946, AI692736, AA600038, AW068714, AI354707, AI589319, AI371826, AW008422, AI754320, AI346302, AA723122, AA010310, AA599273, AA137194, AA599504, AW069432, AW088383, AI751005, AA725207, AW385359, AI304554, AI457114, AW191921, AW020206,

AW372817, AI446310, AW074603, AI075140,
AW291469, AI214470, N89578, AW069514, AW385351,
AI753788, AW372828, AI752198, AI052797,
AA099729, N42734, W02000, AW372820, AI160542,
AI095555, AI754231, AA070970, AW302579,
AA114947, AI357733, AW386363, AI864906,
AW340511, AI268892, AW393341, AA505831,
AW073493, AI750527, AA305175, AI200515,
AI342335, AI751983, AI417127, AA993150, R77205,
AA137193, AI935300, AW393329, AI560062,
AI077562, N75508, W93869, AI127162, AI582477,
AA573183, AA857098, AA442665, AW385366,
AW068212, AW393339, AW393324, W87515, AI751004,
AI039775, R95826, AA040410, N68613, AI752199,
AA150616, AI919268, AW372823, W87487, AW393333,
AW088208, N43019, R95777, W30698, AW393343,
AI671130, AI094661, R69515, AA330038, AA705256,
AA096062, AW393334, W24174, AW393342, AA334999,
AA974667, N99050, AW068455, AI147454, H87987,
W05395, AI865506, D62061, AA578679, AA329445,
AW372121, AW393330, H59312, AA122386, D62992,
AA449381, AA330407, AI589497, AA142904, H45011,
AI382841, AW385329, AI688861, R86097, H13571,
H44959, AI932553, R09536, AA332101, H03527,
AW393338, AW235794, T27809, H03445, T49493,
AW444479, AA115948, AA853107, AA099728,
AA853780, AA194797, AI263967, T31631, AA333851,
AA330396, AA342316, AI569315, AA332661,
AA852331, AA092962, AI750253, R27794, AA346374,
AA332339, AW196741, AI537624, AA040329,
AA328122, AA233015, N63241, W57799, AA344504,
AA232701, AA092106, H39522, C02028, AA386156,
T29615, AA334576, AA304992, AA194648, R09649,
R07913, T49492, T31628, AI751984, AA328379,
AA334087, T31612, R07858, AA332886, AA329886,
AA449254, C00044, AA348035, AA328980, AA361011,

AA331327, M11718, Y14690, X04758, L02918,
AJ224880, M10956, J03051, Y11587, AL050138,
AL049466, AF115392, U77594, A65341, AL110296,
AF090903, D83032, AF106862, AL133062, AF047716,
U49434, E02349, AL137550, AF137367, AF078844,
AL117463, AL133014, I89947, X80340, S77771,
Z97214, AR038854, S78453, AB025103, AF044323,
U78525, AF113019, AL080159, AJ242859, AL050024,
E03348, AF100931, E03349, A18777, S36676,
AL049382, AL137558, S83440, AL133619, AL110280,
E15582, AL137463, I48978, E04233, AL080154,
A08913, AL050116, AL137555, AL137480, AJ005690,
AL137476, A08907, A08912, AL137256, A08910,
S78214, AF067790, I89931, A08909, X99257,
AF061981, D16301, AL117435, I49625, AF016628,
X82434, A08908, U53505, AL133624, AL080150,
S76508, AL080163, AL080124, Z13966, I89934,
AL050277, AL050170, E02152, AF169154, AL133640,
AL050172, AB007812, U35846, AL133565, A08911,
AC002467, AL133665, X79812, I03321, E06743,
AL133075, AL049452, AF113699, E01614, E13364,
X70685, AF017437, U67958, AL122106, U58996,
AL117585, AL023657, AF199027, AL137548,
AL133113, AL133568, AF113689, AL117587,
AF176651, AL137574, AF058921, I09499, AL117440,
U91329, AL050092, AL133010, AR034821, E02221,
A03736, AL137292, I68732, X53587, A08916,
AL137526, AL133054, AF145233, X66871, X87582,
AL137530, AF200464, AL117578, AF199509,
AF185576, AL117629, S69510, AF055917, AF159615,
A18788, AF162270, A15345, I79595, AF002985,
AF126247, AL049300, A65340, U92068, AL133558,
AL137459, AF106697, AL133557, E01314, T63108,
R27886, H13204, H88165, H88165, N64280, N76100,
AA461456, AA594297, N87869, AA091436, AA095583,
AI086998, T03859, T24745, AI128830, AI537635

1907	HCRQK59	877411	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1537 of SEQ ID NO:1907, b is an integer of 15 to 1551, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1907, and where b is greater than or equal to a + 14.</p>	<p>AI394016, AI337333, AW008484, AI492226, AA503225, AI832480, AA551754, AW263863, AA782573, AA469071, AI700423, AI380990, AI631409, W95477, AI651800, AA804581, AW016198, AI567909, W05729, AW338263, AA488420, AW134932, AW149688, AI424300, AI569012, AA348345, W95367, N74885, Z20694, AI569356, AW083000, AA745423, AW193135, T24482, AI355870, R65920, AW054656, A75401</p>
1908	HWLXK44	877437	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 454 of SEQ ID NO:1908, b is an integer of 15 to 468, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1908, and where b is greater than or equal to a + 14.</p>	<p>H53943, R09272, W52643, AW001226, AI827422, AI086839, AI752330, AI752329, H53944, AL136295, U94831</p>
1909	HE8DZ94	877630	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1785 of SEQ ID NO:1909, b is an integer of 15 to 1799, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1909, and where b is greater than or equal to a + 14.</p>	<p>AI684587, AA610052, AI189791, AI186697, AI751250, AI310126, AI188971, AA906201, AA019739, AW264561, AW009062, AI361312, AA887119, AA971980, AI580662, AA088862, AI261311, AA575958, AA018414, AI2688976, AA904689, AI784506, AI654089, AA838000, AI800634, AA018103, AA833673, AA809439, AA970480, AI419770, AW189948, AI806808, N40196, AA886637, H38658, AA059058, AA809455, AA532665, AI538082, AA887381, T50287, AI083552, T47520, AA054140, H86494, AA469072, AI933491, AA935534, AA634291, N58823, AI799084, H86061, R24685,</p>

1910	HTELO87	877881	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1253 of SEQ ID NO:1910, b is an integer of 15 to 1267, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1910, and where b is greater than or equal to a + 14.</p>	<p>C21487, AW440198, AA482137, AI971218, H66403, AA570041, AA555150, AA494063, H78365, AA935511, AI807280, Z21231, AA019783, H78462, AA632718, AI338489, Z19788, W01156, AA016261, N28787, AF151877, AF113127, AL117550, AF161526, A74434</p> <p>AA115605, AI589156, AA115471, AI359615, AA115213, AI817096, N50090, AW118065, AI024233, AA423826, AA610042, AI672797, AA307285, AI800760, AA989046, AA975271, W60559, AA463414, AW162429, N50523, AA034218, AA805237, AA115129, AA721969, AA496544, N52970, AA419084, AA708005, AI741973, AI204382, AA476516, R70914, R70913, AA043558, AA320866, AA476416, AA033534, AA781036, AI627278, AA903019, AA347354, AA035548, D25909, AA043557, AI419107, AI080319, H97516, C21455, N50579, AW299563, AA310893, AA307286, AI761872, AA035038, AA905739, AA746181, AI521292, AI554821, AI433157, AI889189, AI866469, AI815232, AW086285, AI927233, AI366900, AI539707, AI355779, AI590043, AI440239, AI537677, AI494201, AI500659, AI539800, AI866465, AI801325, AI500523, AI538850, AI702065, AI582932, AI923989, AI872423, AI284517, AI500706, AI491776, AI445237, AW151138, AI521560, AI500662, AW172723, AI284509, AI440263, AI538885, AI889168, AI866573, AI828574, AI633493, AI434256, AI434242, AI805769, AI888661, AI648454, AI284513, AI888118, AI859991, AI436429, AI887775, AI889147, AI581033, AI371228, AI567702, AI440252, AI866786, AI610557, AI860003, AI242736, AI887499, AI539781, AI500714, AI559957, AI491710, AI521571, AI582912, AI623736, AW089557, AW151974, AW151979, AI612913, AI885949, AI371265, AI045500, AI469775,</p>
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1911	HWLQL72	878199	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 540 of SEQ ID NO:1911, b is an integer of 15 to 554, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1911, and where b is greater than or equal to a + 14.</p>	<p>AL039390, AI567953, AI446495, AI863014, AI671642, AI890907, AI866581, AI889148, AI285439, AI431307, AI539771, AI804505, AI554827, AI866461, AI815150, AI273179, AI371251, AI866510, AI285419, AI923046, AI047422, AW151136, AI866691, AI924051, AA715307, AI432644, AA809974, AI828583, AI569439, AI872315, AI624545, AL042365, AA641818, AI648567, AL049776, Z99943, U50823, LI3297, U01145, Y17793, AL122110, U00763, AF097996, AL133080, AL133607, AL122049, AF113694, AL133053, U31501, AL133049, AF093119, X62840, AL133655, AL050116, I17767, AL133015, AL133608, AL133072, AL137267, U30290, AL122101, E13998, AF002985, AL133081, AL133077, AL137283, A30543, I19505, U96138, AL122103, E07361, S71381, E12888, AL133084, AL133070, AF132676, AL049423, AF061836, M30514, Y07915, AR034821, AR034830, I96214</p>
1912	HBJJL05	878207	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 540 of SEQ ID NO:1911, b is an integer of 15 to 554, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1911, and where b is greater than or equal to a + 14.</p>	<p>W95797, AI815614, AA159571, AA001628, N47368, AI143890, AA485201, H27837, AA385921, T96878, AA382884, AA384878, W95754, H18148</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 540 of SEQ ID NO:1911, b is an integer of 15 to 554, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1911, and where b is greater than or equal to a + 14.</p>	<p>AI802901, AI889514, AA464368, AW026514, AI278645, AA315349, AA777364, AI741517, AW139143, N93194, AA632076, AA700910, AA456473, AI889524, AI160031, AA464386, AA464702, AI089651, AI057409, AI271327, AI921322,</p>

		is any integer between 1 to 1704 of SEQ ID NO:1912, b is an integer of 15 to 1718, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1912, and where b is greater than or equal to a + 14.	AA417376, AI689262, AA081418, AI611368, R83304, N99927, AW272715, AI281824, AA680361, AI278647, AW022859, AW268970, AI273221, AW264836, AW022729, AI184566, AA416981, AW020287, R52791, AI247775, AI924151, AI669435, AI093813, AI206016, AA888936, AW027977, AI269409, AW027941, AW250197, AI334129, AI474405, N34475, AA351606, AA435915, AI270365, AW022849, AA650241, AA629813, AA594133, AI358262, AA972239, N63595, AI538989, AI075918, AI431608, AI094322, AI868462, AA454579, AW379850, AW005549, AI088724, AI240714, AI421046, AI493454, H81794, AI348002, AI935462, AI702637, AA730245, AI982825, T06003, AI338374, AA173157, AI767408, AA417194, AA493371, AI688358, AW167434, AI688521, AI961941, AW269290, AA351839, AA024843, AA319841, AA675922, N57835, AA464275, AA491623, AI263242, AA812261, AI566133, AA527515, AA478734, AI700650, AA527428, AI393134, AI359837, AI591187, AA352936, AA364692, AW167540, F09704, AI432014, AI241621, AI768245, AA380399, AI739437, R95684, AI248967, T66281, AA516011, AI919046, T98208, AA582002, AA747622, AI523723, AI348587, AI904291, R83399, AI784373, H29486, R94431, AA256650, N42879, AI032060, AI887086, AA235236, T98967, AI056747, AA306667, AA768239, W38780, T98209, AA642247, AI554380, AW302197, AI816825, AI766194, AW207784, AW376043, C02058, AI033452, AC000378, AB019038, Z66003, Z66002, Z65575
1913	HE2HC14	878238	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1961 of

<p>SEQ ID NO:1913, b is an integer of 15 to 1975, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1913, and where b is greater than or equal to a + 14.</p>	<p>AI636042, AW375181, AW365198, AI813938, AI765135, AI074596, AA418593, AW178083, AI498407, AI654773, AW351962, AW177876, AI366827, AW178077, AW020441, AA06382, AW178182, AW178076, AW178081, AW177879, AW365184, AW366023, AW365168, AW375184, AA418655, AW177839, AW178084, AI468009, AI433820, AI692309, AW082896, AI927777, AW365192, AW387262, AI143953, AW365194, AA421501, AI271676, AA425855, AA854439, AW082902, AW177842, AW128928, AI392856, AW365398, AA421470, AW365185, AA535678, AI400413, AW365353, AW387278, AA680114, AI076707, AI285336, AW365392, AI581008, AW375185, AA938196, AI801859, AW089786, AI382040, AW365381, AW365201, AW375183, AI243492, AA973630, AI120271, AA649053, AW365405, AI698558, AA934487, AW366025, R98908, AI473267, H70023, AA976681, AW365408, AA806629, AW375120, AI536915, AW178078, AW365180, AW365183, AW003830, AW178085, AA400106, AA532939, H59432, AA719249, W85961, AW387263, H58724, AI301165, AW294007, AA463549, AA527345, AW262369, AI830518, AA832369, AI383837, AI216813, AA280430, AW177877, AW365189, AW177079, AI288375, AW375133, AA515868, AW375160, AW243710, AW375442, R98681, AA932395, AW169226, AA188895, AI335817, AW365411, AW365146, AW365417, AW382189, AW365202, AW382124, W24191, AI635752, AI868465, AA280348, AW365182, R97677, AW365412, H56644, W72745, AW177846, AW365404, AW365402, AW365359, AA424055, AW177974, AW365164, N91771, AW365193, AW351813, W85877, D20462, AW365388, AW375179, AW375130, R84876, AW365362, C01884, AW351560, AW375422, AW365364, AW366058, AA936703, AC008040</p>
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1914	HDTHI51	878274	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 494 of SEQ ID NO:1914, b is an integer of 15 to 508, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1914, and where b is greater than or equal to a + 14.</p>	<p>U18012, AA045933, AA128223, N72395, AA058726, AI834324, N86927, AA356189, AW351942, AA349355, W04179, AF203978, U34879, U43607, U43548</p>
1915	HRGDE77	878374	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2871 of SEQ ID NO:1915, b is an integer of 15 to 2885, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1915, and where b is greater than or equal to a + 14.</p>	<p>AL041566, AA477266, AI656936, AI951716, AI096374, AA477267, AI927648, AA292231, AA479878, AA922034, AI718425, AW340534, AA699300, AA443588, AI141913, AI150393, AI262030, AA824471, AA399440, AA427523, AA812642, AA293470, AA723836, AA994091, AA575922, W76034, AI985377, H49237, AW016407, AA143496, AI660111, R20962, AA873844, AA143497, R06788, AA808474, T79352, Z45236, F04128, R01824, AA503842, AI361214, T79783, AI918933, T39691, W72847, AW079858, AA987751, R00061, AA430714, AI424488, F08632, AA293015, H49238, F01790, AI873138, AW235170, AA693978, AW407497, AA548157, R06739, AA343968, AA227223, AA421387, AW082809, AI867963, R01094, AI823640, R42744, AW050670, AA226870, AB033010, AL137675</p>
1916	HHFHR53	878403	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2994 of SEQ ID NO:1916, b is an integer of 15 to 3008, where both a and b</p>	<p>AL048840, AI064902, AW249691, AI872413, AW243294, AL138300, AI590076, AA100757, AW004004, AI923006, AA587051, AA279533, AW183520, AI419833, AW292319, AA214039, AI078293, AI082751, AI015661, AW167064, AA427783, AW117731, AW169146, AA070150, AW088356, AI336423, AI803586, AA100821, AL048839, AW105007, AA332665, AW021472, W93478,</p>

1917	HTPAY82	878433	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1916, and where b is greater than or equal to a + 14.</p>	AA211303, R51407, AA040271, AI128507, AI824743, AI520729, AA279532, N62195, AA770032, AI991817, W67473, AA309583, AW392599, AA976795, R14643, AA976594, AI216760, AA442972, R53567, AA369897, AI364305, T56013, AW021133, AA016204, R53679, AA620855, H73568, AI521207, AA554353, AA209214, AA369896, AI832743, AA609475, AI536106, W67474, AI672267, AA563648, AI824485, AI561042, AA040252, AI383108, AA579428, AA305720, T91394, T04986, R45624, T86544, R29736, C00010, T29665, T05066, AA887773, AI985106, T85482, AW243484, N76492, AA720874, AA573214, AI125103, AW021569, AA305679, L25798, X66435, AL079334, AL050004, L00334, L00330
1917	HTPAY82	878433	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 544 of SEQ ID NO:1917, b is an integer of 15 to 558, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1917, and where b is greater than or equal to a + 14.</p>	AI078580, AI743235, AA429945, W93646, AA455042, AI128804, AI826623, AA516431, AI989747, AW183193, AI141284, AI989739, AA702011, AA911088, AA989129, AA876539, AA477156, AA305052, W19506, N89912, AI265924, AA644621, W38899, W52820, AI633679, AA987264, AI263261, AI371387, AI349474, AA805723, T90569, N95062, W93906, AI198595, AA946978, AI419292, AI198127, AA778301, AI631831, AI352478, AI693357, AA927461, T97984, AA341602, AA035640, AA356704, AA338760, AA295467, AI933253, AA374253, AL044098, AI206661, AA780176, R02479, AI123118, AA338761, AA234074, T98061, T83106, AA193255, AA479657, AF104628, AI220255, AI857454, AF096895, AF057306, AF135380, AF135381, AF145216, AW084650, AA088424, AI697069, AA172042, AA838417, AA172044, AI744623, AI627227, AI630224, AA993207, AI371167, AI949142, AI890821, AA609797, AI018761, AW372890, AI814927, AA625264, AI954856, AA993191, AA614086, H05584, AI961696, R39132, AI632376, AI143462, AW136636, AA722935, AA172197, D20763,
1918	HMUBQ39	878436	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1805 of SEQ ID NO:1918, b is an integer of</p>	

			15 to 1819, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1918, and where b is greater than or equal to a + 14.	AA701379, F06989, AA148617, AW044004, R21296, R44866, AA191290, AA172201, AI970448, AW361154, AI627401, N42449, AI224491, AA635934, R14008, H05119, R18980, T26664, T16725, F07496, T59139, AA372447, AA092086, F31653, Z40099, AW271655, AA993655, R32993, R46141, AI472512, T59062, T26665, Z40560, R32717, AA148756, AA374317, AA585413, AA064920, AI917682, AA625242, R32994, AW362703, AW372891, AW386147, R25109, R25628, R63578, AA828475, R31750, AI468622, AI491710, AI540458, AI814841, AI570152, AW079699, AI499285, AA836253, R40363, AI688854, AI696714, AI954475, AI689096, H03560, AI368579, AI357049, AI560184, AI469505, AI687295, AA767252, AI890654, AI280732, AW083750, AI445877, AA923096, AI341690, AI888575, AI697178, AI765469, AW075921, R30844, AI702494, AI359787, AI417754, AW104141, AI867017, AA742592, AI688959, AA741502, AA765659, AW193231, AI633330, AI679261, AI498288, AI890995, AW235487, AI749231, AA761557, AI589140, AI590785, AI623980, AI590755, AC005216, U56252, AF102578, AF038847, U67810, A85213, AB015752, AF047716, AI137490, AC006314, Z73979, AP000299, AF039907, AI049552
1919	HCEYN60	878560	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 563 of SEQ ID NO:1919, b is an integer of 15 to 577, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1919, and where b is greater	AI828920, AI866163, AI581670, AF108139, AF015770, U94350, T46897, R40801, R49803, R49845, R40801, R78750, R79059, R81613, H13785, H13786, H26105, H49579, H49658, H61321, H61596, H62359, N23682, AA002170, AA039225, AA045879, AA045878, AA053472, AA083358, AA146754, AA171927, AA173260, AA181967, AA186968, AA215430, AA215576, AA494375, AA554350, AA565187, AA582635, AA594327, AA612625, AA878313, AA886926, AA887637, AA908475, AA939096, AI051140, AI083860, AA641276,

1920	HWHGF46	878800	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2101 of SEQ ID NO:1920, b is an integer of 15 to 2115, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1920, and where b is greater than or equal to $a + 14$.</p>	AA205608, AA284538, AA411196, AA410243, AA411096, AA436335, AA478263, AA478319, AA609270, AA628990, Z19827, AA719345, AA769770, AA776741, AI018379, D19640, AI305530, AI307824, AI344950, AI349732, AI363496, AI368551, AI434470, AI561271, AI498585, AI423077, AI147393, AI167340, AI224833, AI174303, AI187983, AI659839 AA814195, AI457718, AI085388, AI765650, AA633558, AI379449, AI476182, AI419034, AI037888, AI148797, AA028963, AW009541, AW051402, W67841, AA687642, AA934498, AI079438, W67782, AA035136, AI016426, AI304821, AA085457, AI808210, AA098932, AI685969, W39585, AI685970, AI038819, AI219571, AI580447, AA485877, AA487780, W42434, AA594455, AI865081, AI085147, AI202241, AA632996, AA035135, D45612, AA991990, AC006261, AL031985, AL021154, AC006449, AL008718, Z95329, AC004950, AC002349, AL031846, AF146367
1921	HPMSF50	878909	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 3939 of SEQ ID NO:1921, b is an integer of 15 to 3953, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1921, and where b is greater than or equal to $a + 14$.</p>	AL045860, N58437, AI525782, AI688578, AA007479, AA310929, AA906018, N41678, AW084721, N59420, AA007400, AA234496, AI810048, AI394367, AW273848, AI400139, AI659487, AI168584, AW247506, AW245091, AA232997, AW148684, AA235036, AW242278, AA236538, AA206161, N78027, AA630558, AI128065, N76782, AW297277, AA497021, AA877580, AA931472, AA351722, AA232945, AI208004, AA885392, N71533, H09450, AA554688, AA983994, AI221004, AA235204, H54147, AA460203, AA985683, AI681824, N22166, AA889639, AA668373, H81138, AA678603, R97728, AW291709, AI346634, AA337087, T56721, C14300, AA310347, AA359522, AI032752, AA705700, R68352, R10225, C14263, T40018, H81043, T56722, C14304, R68562, AI369399, R96796, AA333514, AA459932, H57429,

1922	HTWEA6I	878917	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1978 of SEQ ID NO:1922, b is an integer of 15 to 1992, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1922, and where b is greater than or equal to a + 14.</p>	<p>AI758833, AA836349, C14291, AA902529, C14302, C14277, D59495, R10732, N93792, AI032107, AA665646, R12861, AA384438, AA682859, AI904934, AI904935, D80004</p> <p>AI826538, AI267318, AI688542, AI052104, AI376453, AI818589, AW029328, AI678648, AW192514, AI566340, AI972077, AI811155, AI936746, AI089502, AI372947, AI004230, AI354532, AI119666, AI084362, AI027083, AI691080, AA621070, AI744332, AI149953, AI149949, AI150745, AI199180, AI625208, AI003733, W20002, AW074007, AI627187, AW242075, AW130451, AI014764, AI091649, AA041468, W55944, AI445868, AW151070, AI005484, AI092273, AA040575, AI689545, AI524423, AI521587, AA908191, AI689268, AI270577, AI372494, AI619883, AI538583, AW263138, AA040673, AI368864, AW316596, AI539834, AI952557, AA721376, R19495, AA662403, AW085967, T75472, AA808860, N78681, N32970, AA176087, AI125767, AA740389, AI074758, AA300365, AW090571, AA894651, AI372493, AI680268, AI547225, F13229, AA383093, AA814692, AA386145, AA970611, AA302328, AI536066, D31244, Z44196, H20558, T48533, AI350433, AW243606, AI784415, AA063203, D82747, W26208, AA471277, AA903068, AI680414, AL038664, AA664940, AA897635, AI535982, D31438, AI419708, AW275741, AA386197, R62151, AI051237, R62259, W28043, R39290, AI250661, F10830, AI695489, AA343846, R43842, AA334321, AA093703, D56184, AA845417, AA332748, Z40172, D80027, R38429, AI524545, AA095572, W15187, T28780, T27330, F24108, AI611841, AA176086, AW375368, AI521566, AA323934, AW163010, AW292131, AW021288, AA329440, D81428, AA344329, AA039822, AW375337, AW270647, AW149580, F35697, AA148318,</p>
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1926	HHFJJ61	879386	<p>the general formula of a-b, where a is any integer between 1 to 3897 of SEQ ID NO:1925, b is an integer of 15 to 3911, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1925, and where b is greater than or equal to a + 14.</p>	<p>AI088798, AI123932, AI348513, AA916423, AI346237, AI697840, AI346773, AI827270, AI763317, AI763320, AA609447, AA024428, AA948406, AW149724, AI435604, AA946618, AI950301, AW149541, R36320, AI923233, AI860454, AI814488, AA232203, H43798, AW374530, F11803, F06514, AW131707, AI285224, AA457235, R88044, AW013905, H23601, N51357, AA568172, Z43390, AA758706, AI927091, Z39461, AA936791, H23640, H43806, AA364902, AI802791, AA864755, T33777, F02788, H42258, F09452, AA583801, T65604, R43369, T65538, H40427, AA336254, W94547, AA416590, R44402, N56604, AW004746, R19614, AA580399, W78003, AA463368, AW293983, AW374487, AA513346, N29649, AA837760, AA024429, AI695172, R17652, AW448962, AA232743, AA973192, AA652557, AA463872, AA327631, AA470625, R49252, AA773793, AA351733, W79462, AA757309, X85664, AA480653, R65673, AA719939, X85665, AI972788, AI972806, AA933622, AA916725, AW006745, AL137343</p>
1927	H2CAA49	879484	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1027 of SEQ ID NO:1926, b is an integer of 15 to 1041, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1926, and where b is greater than or equal to a + 14.</p>	<p>R93802, AA130402, H07960, AW250644, H85944, R85969, AA095215, AA036855, AA215398, AA308813, AW250378, AA324032, AF161516, AF152097</p>
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1027 of SEQ ID NO:1926, b is an integer of 15 to 1041, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1926, and where b is greater than or equal to a + 14.</p>	<p>AI279876, AI539769, AA876127, AI963800, AA206425, AI969470, AI951966, AA459503, AA778294, AA639198, AA446426, AI334209, AI150191, AI281280, AW149760, AA446118,</p>

		<p>the general formula of a-b, where a is any integer between 1 to 2296 of SEQ ID NO:1927, b is an integer of 15 to 2310, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1927, and where b is greater than or equal to a + 14.</p>	AA459274, AA236997, AI587101, AA946837, AI922323, AI198839, AA568602, AA777025, AW376909, AI127770, AI139373, AI753243, AA789258, N95643, AI754062, AA236574, AI140786, C75603, AA075484, AA251521, AA587266, AW439362, AI121103, AA213367, AA837311, AI187231, AA227539, AI344110, H67810, W95535, AI400951, T65536, AA872668, AI192986, C17463, AI859211, AA470471, T17222, AW192135, AA075621, AA506763, AW139044, AI913866, AA192466, AA165156, AI826398, AA678954, AI271344, AA113939, C05669, AA137249, H17790, F11801, AA164768, C75565, R89384, T16445, T69722, N66040, C18698, H59003, AA503343, AA339152, AI025443, D81644, R78076, H58956, D60375, F06655, H58600, AA514607, H02142, AA164700, AA055768, AA306967, T70379, AI568159, C21496, W95420, H68082, AI572235, AA382754, AA989472, T35523, H02038, T65602, AA236620, AW363691, AA142866, R01641, F09450, AA524392, T85647, Z39669, H17791, H58601, AA382619, T84903, AW303874, AA365866, T97378, AA165228, AA838767, AA165229, R42323, AI025112, AW029182, AA865982, T91320, C00668, T99684, T82109, T39127, AA471242, R16395, T67084, Z21083, T39128, R42337, AW390645, R01549, H77482, R16380, AA937248, AA199583, AA528463, T97267, AW005487, AA586445, AA084485, U90736, AA934719, AA327356, T87388, AI826239, AA137250, AW385433, AW385409, Z20096, AI924498, AA513297, AW080588, AA558986, AI926128, AI581525, AI695291, AW196067, AI783818, AI623264, AI400863, AA526975, AI445127, AI469613, AI933636, AI919084, AA632103, AA581848, AI888732, AI358508, AI469656, AI291994, AI275085, AI249798, AA552670, AA565996, AI040152, AI242802, AA884931, AI378681,
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1928	HCRNW08	879595	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 407 of SEQ ID NO:1928, b is an integer of 15 to 421, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1928, and where b is greater than or equal to a + 14.</p>	<p>AI025266, AI434099, AA533047, AW272720, AI801054, AI888914, AI735767, AW304001, AI445913, AI436796, AW190856, AI921153, AI380637, AI888294, AI634717, AI075324, AI815198, AI805627, AI932444, AW073291, AI891014, AA425142, AA622524, H67122, AI916480, AI146786, AA316874, AI678847, AA315049, AI817063, AA573742, AW152548, AW151674, AI610106, AI675865, AW152169, AI675714, AW027843, AI475938, AI685830, AA582017, AI473626, AW381550, AI445130, AI800451, AI800431, AI972701, AI678427, AI801784, AI582452, AI867585, AI972499, AI720013, AI278406, AI277266, AI082505, AW191880, AI537173, AI473553, AI925030, AI559391, AI471336, AF053641, U33286, AF038452, AF053642, AF053650, AF053651, AF038451, AF053640, AF007791, AF088867, AA570120</p>
1928	HCRNW08	879595	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 407 of SEQ ID NO:1928, b is an integer of 15 to 421, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1928, and where b is greater than or equal to a + 14.</p>	AA192153
1929	HNTDJ29	879661	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1269 of</p>	<p>AA555115, AW083142, AW383992, AI819977, AI818981, AW302146, AI357211, AA970333, AA565308, AW391496, AA809752, AA043134, C18608, AA548230, AA565317, AI352620, AA554155, AA279358, AW392424, AA043611, AI433904, AA767874, AA370804, F33509, AW370978, AI500136,</p>

1930	HCRNM29	879886	<p>SEQ ID NO:1929, b is an integer of 15 to 1283, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1929, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 748 of SEQ ID NO:1930, b is an integer of 15 to 762, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1930, and where b is greater than or equal to a + 14.</p>	<p>AA360902, AA279306, AA370803, AC004677, AL078630</p> <p>AA040621, R64534, AA811265, AI582161, AA132065, AI222332, AA040620, AW001618, N40203, AI796277</p>
1931	HTPAM76	880071	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1619 of SEQ ID NO:1931, b is an integer of 15 to 1633, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1931, and where b is greater than or equal to a + 14.</p>	<p>AW387764, AW387814, AW387802, AW387787, AW387847, AI888586, AW387804, AA156240, AA156243, AA115637, AW388637, AW387768, AW073692, AW387860, AI828610, AA447697, AW078652, AA156747, AW387867, AA115638, AW387851, AA147510, AW387845, AA147381, AI671236, AA627367, AI302358, AW387765, AI589344, AA126967, AW194339, AA552339, AW274844, AA115437, AA631614, AA482223, AI336522, AI610638, AA464766, AA127119, AA148915, AI801445, AI888444, AA486631, AA481927, AI926413, AW058286, AA468787, AA156919, AI888332, AA115436, AW387859, AA129137, AA911832, AA480064, AW387887, AI446210, AA129136, AI935846, T93584, AW38675, AA486537, AA447849, AA373191, AI739001, AI536744, AA300698, AI926870, T79051, AW378720, T70156, AW387878, AW150592, AI805203, AI678275,</p>

1932	HCHOB95	880074	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1112 of SEQ ID NO:1932, b is an integer of 15 to 1126, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1932, and where b is greater than or equal to a + 14.</p>	AA147111, AA148916, AW361440, AA482318, AI224997, AW361449, T92156, AA295139, AI932801, D45563, AI933650, AW351860, AI361188, AA588527, AW388036, AW382525, AW382549, AA078254, AA077989, AA078672, AA078071, H25470, N43950, H85417, AI990093, H82389, AI2622918, N27467, H83634, N27592, AA653768, W20391, AA481039, AC007688, AC004467, M60322, X52046, AL049610, AL008706, Z83745, AF084363, AF109905, AC003061, U56708, AL050318, M96253, AF035927, X92380, U59932, AF010237, Y17262, Y17265, U79975, U70436, AC002073, AF120983, AC005855, U69273 AA919098, AI829915, AI373763, AI769890, AI678073, AI186242, AI040323, AI096782, AW182824, AA877237, AI184171, AA843884, AA496249, AI684689, AA402540, W2754, AA099242, AA461621, AI688056, AA469089, AA476703, AA044210, AI312919, AA430750, AW340236, AI129433, AI332742, AI088802, AI203956, AA577035, AI375761, AI335585, AA862361, AA044080, AI658509, AA433943, AA991263, AA461447, AI658499, AI027869, AI222302, AI376235, AA496250, AI271959, N40335, AI806274, AA449309, AI808707, AA933843, AI184973, AA029128, AA287518, AI445857, AA316127, AI300822, N34296, AA206029, AI275858, AA133156, AI086991, AA973014, AA494516, AI146496, AI351577, AA524704, AA972426, W49681, AA143280, AA156594, AA989508, AA744580, AW296210, N27520, AA148505, AA523848, N50728, AA150804, W77953, AA099144, W49680, AA770602, N91132, N62734, R77333, W20508, AA150700, N50625, AA42714, AA910801, AA917918, AI027396, AI218157, AA927254, AI240835, AA804816, AA143389, AA321494, AA639009, AI971188, AA373176, N55054, AA604424, AA860473, AI915977, AA665452,
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1933	HLSAA96	880418		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1783 of SEQ ID NO:1933, b is an integer of 15 to 1797, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1933, and where b is greater than or equal to a + 14.</p>	AI783651, AA953781, AA291501, AA668861, AA029999, AA649486, AA652093, AW132021, AA662005, AA364232, AI654194, N55669, AA883709, AA143334, AA372265, AA026564, N78458, AI472423, AA026472, AA313840, N55383, AF112214, DI7244, DI7071, AA706862 AA429586, AW444874, AI920970, AA604806, AA431746, AA651708, AA847822, AA746501, AI051249, AI005487, AI368709, AI417856, AA009824, H06206, AW150601, H08319, AA830175, AA809393, AA765426, AW337780, AI435979, AA421703, AA508643, AA282694, H06207, T78170, R44287, R59778, AA768684, AI193720, AW235814, AA993048, R61320, T09292, AA503026, AA301325, AW084853, H08221, T84812, T78009, AA340198, AA009714, R23537, AI933451, AA649008, AA322332, AC004890
1934	HBBMA61	880578		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 323 of SEQ ID NO:1934, b is an integer of 15 to 337, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1934, and where b is greater than or equal to a + 14.</p>	AA934705, AI370920, AI744886, W86237, AA609163, AI082256, AI140436, N53361, AA968467, AI216727, N62199, AI143325, AI015198, AW236133, AA732867, AW341974, AI591092, AI141509, AA002163, N36129, R45071, R07479, Z38172, AA059224, T33713, AI469204, D11576, D11575, Z78385, N64142, T31044, AW243169, AA844013, AA417247, AL119457, AW392670, AL119324, AL119443, U46351, AL119497, U46350, AL119483, AL119319, U46347, AL119399, AL119484, AL119391, AL119418, Z99396, AL134531, AW372827, AW384394, AW363220, AL134533, AL119363, AL119355, U46349, AL119522, U46341, AL119439, AL119444, AL134538, AL119341, AL037205, AL119401, U46346, AL119335, AL119396, AL119496, AL134920, U46345, AF090190, AB026436, AR060234, AR066494, AR054110, A81671, AR069079 AA984117, AW163623, AA311680, AA418057, AI144311, AL120308, AA056148, AA187561,
1935	HE8QG48	880649		<p>Preferably excluded from the present invention are one or more</p>	

			<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1316 of SEQ ID NO:1935, b is an integer of 15 to 1330, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1935, and where b is greater than or equal to a + 14.</p>	AF072813, W01018, AA992009, AA325639, W19986, AA776635, T30663, T33734, AI878939, AA256403, D54700, AA405294, AA134519, Z43583, AA227076, F06381, AW204252, AA430244, AA938909, H30186, D58629, R52851, N98255, AA161199, AA100159, AA114264, H43926, R22746, R34517, AA233577, AA081447, AA324916, AW138505, AA157365, AA324268, H84964, AA019377, AA233273, H42692, W28863, N83234, AA233594, R17978, W81009, W99386, T34516, T35956, AA214355, AA324917, N42109, AA078753, AA010322, T32868, AW138540, AA094192, T32010, T31224, Z39649, T87432, R22276, AA359082, H46389, R99404, T10889, H39131, R16493, AA227062, AA984677, T05775, AI755053, AA362885, AA354497, AA918044, T34825, AA417901, AA134510, AA643681, AA579642, T34772, AI147468, AI336174, AW374188, H19354, AA357382, N55823, AA482456, AW273035, AA161200, AI911850, AW363734, AA430035, AA663961, AA707053, AA565772, AI276668, AA575906, AW337856, AA033587, AA256297, AI308794, AA587048, AI354787, R99312, AA626391, AF119297, AF059524, AR028523, AF059529, AF059525, AF059527, AF059526, U25265, AF059528
1936	HHENW13	880694	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 664 of SEQ ID NO:1936, b is an integer of 15 to 678, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1936, and where b is greater than or equal to a + 14.</p>	AI937291, AI991002, AW087339, AA464410, W37647, AI342395, AA237069, AA581972, AA594539, AW204762, AW276040, AI125339, AA167314, AI367075, AI803380, AA313202, AI264016, AA236870, AW167731, AI083960, AI991293, AI038896, AW205414, AI460022, AA694199, AI610383, AI707649, AI277698, R53610, AA305224, AW079550, AA430117, AA577381, AI074864, N23143, AA860618, AI801446, AA134966, AA724229, W32042, AI151318, W16866, R50528, R55254, AA135047, AA255556, AI189581, N32722, AA455580, AI244226, AL040668, W37383, AA844913, W93357, R50622,

1937	HE8SB64	880747			<p>N79251, AW271218, AA908394, AI214414, R51941, W31353, AI669222, T32309, AI572502, T34020, AA456077, T30416, AA477701, AA477700, AA989005, N22935, W93445, AA026749, AA166984, T08224, AA883332, AA033670, AA255572, W03768, W31880, AB001740, AB012865, AB012727</p> <p>AI378788, AW070902, AI435602, AW138866, AA147037, AW383889, AI417256, AI420312, AW383890, AI565996, AI499115, AW383902, N21309, AA147128, AI767271, AA885289, AI750960, AI276772, AW102917, N46066, AI290500, H99543, AI302412, AI246663, AL046164, AI242761, N31244, AA233072, AA225024, H84766, H80004, H99544, M91216, H80005, H85099, AA226631, AI436734, AA460989, D29810</p>
1938	HKAEN78	880927		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2414 of SEQ ID NO:1937, b is an integer of 15 to 2428, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1937, and where b is greater than or equal to a + 14.</p>	<p>AA306924, T73855, T83294, T85637</p>
1939	HOSML44	880994		<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 742 of</p>	<p>AA402002, AA522719, AA905625, AI091612, AI418276, AI560743, AW130435, AI992293, AI800639, AI204546, AA858118, AA813011, AI291876, AI703226, AW051814, AA846821, W19987, AI362691, AI356940, AI149942, AW008254, N55455, T79403, AI221349, AA975506, W96084, AW020847,</p>

			SEQ ID NO:1939, b is an integer of 15 to 756, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1939, and where b is greater than or equal to a + 14.	AI240036, AI560812, AI300180, AI089271, H54573, AA505078, AA701943, AA232733, T90553, R94479, H38643, AW026456, AA768615, AA854918, T86974, W96085, R08289, R94069, H60026, AI685154, AA970179, AA885640, AW261910, AI283256, AW028863, AA883234, N80142, D52425, AA865830, N22716, AA906638, AA995348, AA282083, H95085, AA765503, AI240974, AA738193, AI207741, AA443008, N35116, H54683, AW128861, N23206, AA364712, AA402136, H96792, AI906874, AI025840, AI346239, D59957, H24210, H95663, N20084, H38653, N29785, H94256, AA063258, AI359626, H96607, N90414, T56966, R20754, AA384679, AI027068, AI370536, AI520954, T78586, R20753, D60276, AI362623, D80608, R54942, AI962075, Z28499, H53597, H18631, H91182, H48906, AA427748, AA301182, AI985444, AA972097, AA894582, AA609747, AI804799, D59884, AA492083, H54445, H67369, T27025, H96239, N79026, AA761468, AA972438, AA970691, AA235389, AA236543, AA815412, AA427749, F10605, H73921, AI923477, H61736, R89812, AI205301, AA247535, H69003, C01267, N56269, AI371632, AI345661, AA203698, AI252251, H96773, AI609846, AI349670, AA319076, N83178, AB018288
1940	HTEEZ62	881052	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1870 of SEQ ID NO:1940, b is an integer of 15 to 1884, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1940, and where b is greater	AI621215, AI950251, AI564193, AA308190, AW271945, AI560075, AI581089, AI561182, AA603342, AI135260, AW338106, AA505767, AA888065, AI625041, AI909320, AI357213, AA962704, AI911938, H29506, AA353956, AI928495, AA211037, AA581961, AI750915, AA516054, AI750267, AA249644, AA211203, AI493165, AW389552, AA104012, AI905441, AI887429, AI498683, AI453000, AW362831, AA622090, AA182761, AI739109, AA182641, Z42725, AA638984, AW389580, T48739, D19877, AA486796, AI697765,

1941	HOAAH52	881074	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2717 of SEQ ID NO:1941, b is an integer of 15 to 2731, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1941, and where b is greater than or equal to $a + 14$.</p>	<p>AI300924, AI873826, N41871, AB020657, AF161553, AJ012449, AL078644, AR018872, AL137640</p> <p>AI638708, AW370588, AA604391, AI638200, AL046090, AI052244, AW055067, AW055206, AA224549, AW375847, AI679109, AL042378, AI621228, AW055056, AI633697, AW131512, AI858264, AI652500, AA418385, AW007559, AI347910, AA633193, AI417517, AA418455, AL039518, AI379655, AI735776, AI580118, AI611056, AI767569, AI332364, AW006925, AA431974, AI566498, AA458620, AI333573, R93775, AA633310, AI804397, AW190968, AI304495, AW025852, AI077447, AI278898, AA854076, AA400042, AI081935, H48411, AI061256, AI346015, AI042287, AI200205, AI298915, AI150973, AI400748, AA705014, AI921341, AI206630, AA258351, AI493294, AA418302, W80672, AI378534, AI367993, W80671, AI093517, AI445930, AI307183, AA467763, AA418344, AA401498, AI267890, AI953454, AI271612, N72284, AA937447, AA469431, AI361498, AI208143, AA725419, AA296397, AA507583, AA150850, AI207267, AA865832, H18576, AI056172, W60546, H13134, AI754190, AW338131, AA227538, AI569024, R69127, AA911897, AI028185, N73581, R80599, N91387, H63197, AA232897, AI640853, AA150542, Z43515, AI358148, AA921728, N67115, AA132871, AI288107, AA400712, AA742907, R80307, AI290519, AI952567, R11774, R68082, H60801, H60800, R69246, T67909, T64951, AI868438, T32394, AA936201, AI537951, AW235108, AA232896, N70399, AA342399, T69432, H82789, AA360349, AI263563, H63112, AA937988, R80600, AI580686, AA857394, AI678572, H18469, W04986, AA321926, AA610546, H57599, R80203, R91273, H57600, T68057, H82690, N75387, AA852406, AL039517, T52512, AL043057, R93722, N76405,</p>
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1942	HSDXB50	881104	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 735 of SEQ ID NO:1942, b is an integer of 15 to 749, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1942, and where b is greater than or equal to a + 14.</p>	<p>AI537427, AA400660, H82428, Z40015, H18502, AL044808, F04916, R98833, AI474154, AI478281, AI934138, T96021, AA133024, Z43958, AI679684, T54446, AA371002, AL045017, R68119, T16415, AW271181, AA403235, AA676809, T70487, AA626926, R37695, F02870, H51082, R97530, AW389296, AA247471, AI932299, AW376391, Z44495, AW371130, R82536, AI933296, AL044806, AL043245, AI672519, AI133627, D87438</p> <p>AI816760, AI346903, AI189171, AI860301, AA284405, AI340328, AA485290, AW028742, AW073309, AI539128, AI749857, AA910895, N77735, AI805446, AI422690, AA868655, AA046578, AI038920, T32229, AI936194, AA742438, AW001568, AA657742, AW170086, W25066, AA296692, AI077505, AI375014, T95167, AI126547, W16677, AI370853, AI348244, N36073, N26915, AI346077, AI748952, T63086, AI432379, AA127847, AW073849, W01205, AI082289, W31500, N74204, AI753574, AI093341, AI278762, T82102, AI246120, AI735203, AW059835, AA877544, AA706829, AI129303, AI361287, AW249798, AA594759, AA524456, AA542925, AI240209, AA126112, AA934763, AI342601, AI052791, AI857321, AI128632, AI340141, AW118892, N25202, AA814658, AI041906, D11489, AA485295, AW002059, AI370689, AA553675, AA729483, W40151, AA482356, AA903651, AA994633, AI609301, AI459183, AA195893, AW088630, AI561215, AI800091, AW248136, AL050318, AF112213, S83364</p> <p>AA742438, AI346903, AW170086, AI816760, AI189171, AI432379, AI860301, AI340328, AW028742, AW073309, AI422690, AA161296, AI126547, AI749857, N74204, AA910895, AI129303, AI038920, AI246120, AI936194, AI077505, AW249798, AA877544, AI735203, AA926687,</p>
1943	HFKMJ24	881105	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1208 of</p>	

			SEQ ID NO:1943, b is an integer of 15 to 1222, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1943, and where b is greater than or equal to a + 14.	AA868655, AA542925, AI375014, AA934763, AI128632, AI340141, AW118892, N92840, AI240209, AI348244, AA706829, N25202, AI346077, AI342321, AI748952, AI857321, AW002059, AA553675, AI052791, AA127847, AA814658, AI041906, AA983612, AI609301, AA994633, AW006650, AI400295, AA729483, AI459183, AA903651, AI800091, AI561215, H09610, AW088630, AI683272, AI753574, AI719306, AI359224, AI278762, T32229, AI819003, AI093341, D11489, AI342601, AW300745, AI374975, AI346938, AI183409, AI423782, AA126006, AA612604, AA161217, AA846503, AI284860, AI275160, N80744, H06158, AA844576, W16677, AI310420, AI539128, AA996156, AA046578, AA737921, AI985064, W04601, N58366, AI827968, AA719050, N26915, AI091923, AI262701, AA524456, AI674584, AA873274, AI698929, AA485290, AA292533, R99586, AI079471, AA806662, AI361287, T81787, AI370853, W31500, AW193899, AI082289, AI805446, AA583430, T58149, H17502, F30305, AA594759, W25066, AW248136, AA195893, N77735, T95072, F30309, AA482356, AA657742, AA284405, AW059835, AW103745, T95167, R35655, T82102, AI370689, AA485295, T23459, AW366963, AA564661, T63086, W40151, AA484058, AW001568, AA642325, AA126112, AA296692, W01205, AA305476, N36073, AA192315, AA911901, N79525, AI784438, AW073849, AA913441, AA534551, T24804, AI074360, AW193751, H90230, AF112213, AL050318, S83364, AA689442 AI924972, AL046288, AW189048, W89124, AI091620, AA492579, AA588728, AI439428, AA449355, AA634228, AI146362, AA043859, AA581516, AA507328, AI469226, AA146720, AI056656, AA765659, N64539, AL046287, AW402025, AA312475, AI457992, AW005493, AA292416, AA449614, AA742592, AA465004, AA405756, AA078819,
1944	HEOQC11	881219	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2772 of SEQ ID NO:1944, b is an integer of	

1945	HWMBI22	881221	<p>15 to 2786, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1944, and where b is greater than or equal to a + 14.</p>	AA613822, N64732, AA405775, AA196964, AA367635, AA373433, W88918, AA504065, AA652295, N91745, T79620, AA996002, F25128, AI364464, AA515314, AA394253, AA078918, AI909748, AA455284, N80334, AL044772, AA377702, AA742682, AI583136, AI907986, AI909746, AA146721, T79705, AI798856, AW177744, AA037697, H55648, AA767252, AA810554, AA814521, AI675619, AI872260, AW370721, R32993, D78805, D78848, AW078800, AW082532, AW020164, AI245304, AI688854, AI492648, AL096741, AC004882, AC005529, Z82171
			<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1469 of SEQ ID NO:1945, b is an integer of 15 to 1483, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1945, and where b is greater than or equal to a + 14.</p>	AI800907, AI949684, AI052333, AW131568, AA732570, AA769120, AI743959, AI436302, AW082175, AW273742, AI677956, AA037263, AA885367, AA761521, AI936106, AI433128, AI292313, AI458263, AI687626, AI378687, AI187910, AI289598, AI378924, AI224510, AI808484, AA890001, AI363454, AW340276, AI077398, AI168640, W89211, W88447, AI566016, AL043030, AA836573, AA768422, AA634503, AI141297, AI539216, AA918633, AI350946, AA825685, AA515491, AA994089, AA609078, AA761310, AI628981, AI206686, AW105192, AA776321, AA676705, AI676082, AA363995, D62240, AI094091, AI300249, AI400742, T98450, AI809452, N75907, U66469, U66471
1946	HETDL42	882330	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1573 of SEQ ID NO:1946, b is an integer of 15 to 1587, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	AI344189, AI693945, N91690, AI457192, AW150901, AI798181, AA503831, AI458569, W86357, W86242, N92074, T79381, W86600, AI915320, W90710, R94236, AI282976, R94333, AA470366, T55160, H47818, T79811, W01906, N71011, AI702229, T54994, AA336878, N68860, AI613011, AI733775, T61655, AA120932, AA579769, H24026, AW170681, AI611475, AI243696, AI523317, T90991, AW148344, AA345280, AI908519, AI051595, AA885499, W80464, AA917596, AI380135, N29558, AI867394, AA250763,

		<p>NO:1946, and where b is greater than or equal to a + 14.</p>	<p>AI284328, AI803101, AW440273, AA603344, AW148392, AA453747, H80554, AA453828, AA528253, W80573, AI254217, AW183037, AI419419, AI423034, AI305512, H65206, AA989137, AI559284, AI659077, AI935032, AW304485, AI611561, AA483217, AW440223, AI073889, T57089, AL046966, AI144070, AA962018, AA112330, AA630098, AI419982, AA954260, W93927, AW173728, R28013, AA146651, AI583416, AA668673, AA191610, F34079, AA703680, AA568394, AI053711, AW270496, AA069314, AI357477, AL041838, W02028, AA706521, AA664331, H89224, AW085628, AI207861, AI253208, AI744801, AW014689, AI769492, AI251385, AW271017, AI971131, AI053588, F34082, AI493025, AI252712, AA931216, AI991553, AI053773, AI311753, AI174685, T92433, N53462, AI805022, AA679798, AI252858, AI053963, AW086339, AA888155, AL135273, AI792443, AA083383, W92523, AI400721, AA504865, AW262442, AA789229, AI250275, AA011377, AI251700, AI254684, AI244896, AW134612, AW052205, AC011456, AC004605, AF050157, AL109654, AC005919, AC004062, U52112, AF030001, AC006289, AL132774, AL049636, AC006115, AC003949, AP000518, AL023584, AJ133269, AL078630, AL035663, AF054504, AC006239, AP000338, AL031056, AC004914, AP000216, AC002467, AC005060, AC007688, AC004638, AF130342, AF084363, AF107258, AC003976, AC004551, AC002072, AC005619, AP000080, X79283, AF126403, AC003061, AC005972, AF095725, AC005921, AF052041, AL049780, AC004051, AC016026, AC005304, AF109905, AC007707, AF111103, AC005580, AL031864, AC006039, AC005740, AL022401, AC003107, AC006012, AC003664, AC006371, AC005587, AL031737, AF001549, AP000014, U85195, AC002470,</p>
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	AC006120, AC005743, AE000658, AC004807, AL034406, AL132994, X06328, AL121754, Z85987, AC004888, AC003971, Z97987, AF091512, X07200, AC006387, AC004126, AJ006996, AC006525, AL033533, AC007528, AC003684, AC006328, AJ003147, AP000208, AP000130, X15051, AC005599, AC006112, AC006333, AP000247, AL023653, U62317, X15052, AL022333, AC002543, AC004934, AF139987, AL096816, AC004029, AC005855, U82668, AP000952, AF229844, Z82203, AP000039, AC016025, U66059, AC004032, AF125314, AC000116, AC003694, AC005172, AC005277, AC011331, AC006370, Z86062, AP000104, AC005772, AC004033, AC005878, AL033518, AL009047, AC007277, AL031010, AL024509, AC006285, AC005701, AC008080, AF131205, AL023513, Z99916, AC007425, AL121657, AC002080, AC000115, AC009069, AL031655, AC000105, AC005881, AF130248, AC006368, AL080272, Z82244, AL031228, AC009396, AC007115, AC011013, AC005386, AC007899, AP000961, AF109719, AF107256, AC006445, AC002331, AL049692, AC007993, AF064858, AP000081, AC002109, AL049866, AC006945, AC005184, AC006013, AC004125, AC007314, AC005303, AC002528, AL133448, AC007359, AC004859, AC007878, AC005189, AL008721, AL035458, AC005938, AL031776, AC004466, AF196972, AC005752, AL049838, AP000402, AL109827, Z98748, AL109627, AC004910, Z82201, AC008175, AL034412, AC005960, AC005553, AC004848, AL049631, AP000697, AC004217, AC008984, AC006042, AC006989, AF212831, Z97054, AF027865, AC006382, AC008033, AC006966, AC007344, AF060568, AF044743, Z97353, AF130357, AL050307, AF107257, AC006398, AC005216, AL132641, AC002368, U91323, AB010266, AL023582, AL034549, AC007917,

1947	HMEKW4 4	882715	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1993 of SEQ ID NO:1947, b is an integer of 15 to 2007, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1947, and where b is greater than or equal to a + 14.</p>	<p>AL049779, AP000313, AC009802, AC004467, AF110520, Z47556, AC007542, AC002487, AP000194, AP001116, AL136363, AC004967, AL035684, AF034569, AA553612, AA813301, Z36965, D61366, AI216671, Z21245, AW152524, AI339525, AA483108, AI114701, AI720301, AI375684, AI066646, AI755202, AA584876, AA057530, AI341571, AW130427, AA584862, AW068996, AA569586, AW069783, AA679937, Z86040, AC007385, AL031230, AC009247, AB020874, AL049546, AL079304, AL021397, AL035078, AC004890, AC004990, AC007103, AC003009, AC004804, AL024498, AC004263, AC005844, AL034375, AC005723, U91326, AC005409, AL049539, AC006241, AC009509, AC007842, AC006430, AL031296, AC005086, AC010205, AL023578, AC007528, AC006377, AC005081, AC004070, U62293, AL021395, AC005368, AC005155, Z82214, AL133243, Z68276, AC006509, AC005229, AL133245, AC004087, AL031684, AP000141, AC004821, AP000500, AC006478, Z93017, AC008372, AC004859, AC004125, AC006229, AC006525, Z78022, AL022576, AC004796, AL035249, AC005181, AC004028, AP001137, Z85986, AF045448, D87675, AL049696, AF001549, AC005670, U91318, AC005483, AR036572, U91328, AL049713, AC005180</p>
1948	HCEDM42	882729	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1236 of SEQ ID NO:1948, b is an integer of 15 to 1250, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1948, and where b is greater</p>	<p>AI563939, AW250591, AA280100, AA148046, AI167949, AI160019, AA886389, AI679948, AI523219, AA147993, W94919, AI679440, AA307127, AA480164, N26434, R54543, AA064644, H08047, AI520745, H99329, R60593, R60646, AA064686, AA283759, AA280033, R54445, AA303581, H07940, W91972, H69540, AI250356, AA283994, R11288, AI085856, N70908, R11229, AI540673, AA809976, AA909579, AA775556</p>

1949	HCRNZ31	882762	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 2140 of SEQ ID NO:1949, b is an integer of 15 to 2154, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1949, and where b is greater than or equal to $a + 14$.</p>	AW388071, AW388070, AW392828, AW170095, AI139114, AA130783, AI796575, AI582280, AW392825, AW392827, AI032971, AW388090, AI160038, AI631539, AI205291, AA143796, AI342617, AA086002, AI076563, AA50819, AW388098, AA086109, AI374885, AW392810, AA669949, AI146898, H99988, AA186384, AW392819, AA303484, AI335908, AI917197, AI094414, W32500, F02983, H77763, AA371674, D58760, AW131074, AA148180, AW392820, AA148700, AA130888, R72708, AA412284, AW363332, H77594, AA470006, AW079549, AA224383, AA151480, AA303341, R00959, AA150531, F04202, D59193, AA099042, R00958, AA650273, R43795, AI571527, AA151983, AA583490, F04991, W02164, AA303931, AA098988, AA149391, T28556, T17080, AW135027, AA148701, AA747401, AW406447, AI479148, N28704, AW021399, W01939, AW270652, AA601667, AL042054, N71729, T60887, X64123, Z98036, AC004231, AC005971, AC002558, AF129756, AC005514, AC005527, AL022316, AC003980, AC007014, AL133245, AL117344, AC003950, AC004233, AP000229 AA368362, T52098, R69052, R27072, AA397783, AA393589, T95399, AA912955, AW137196, AA155762, AA188555
1950	HWMBU8 9	883172	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 638 of SEQ ID NO:1950, b is an integer of 15 to 652, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1950, and where b is greater than or equal to $a + 14$.</p>	
1951	HUFBY15	883201	<p>Preferably excluded from the</p>	AA625286, AA303053, AA303052, AA297581

1952	HIBCE91	883254	present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 455 of SEQ ID NO:1951, b is an integer of 15 to 469, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1951, and where b is greater than or equal to a + 14.	W00425, AA349641, N42533, AI557558, AI557559, AW360991, R12333, AI557560, Z46216, AI890540, AA448602, N56299, AW103800, AC003007, AC005632
1953	HWLKF77	883371	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 741 of SEQ ID NO:1952, b is an integer of 15 to 755, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1952, and where b is greater than or equal to a + 14.	AI478843, AA628092, AI816845, AI813678, AW269372, AI310217, AI742137, AI887196, AA722779, AA740417, AI363399, H94805, H95343, AA890712, AA643210, AI743293, AI362725, AI391652, AA410876, AI474205, AI261631, AI280434, AI832281, AW001746, AA449475, AI459617, AW152661, W32215, H61131, AI190504, AI282582, AI872611, W32179, AA449638, AI345648, AI271086, AI473071, AJ245719
1954	HOGCA75	883753	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1008 of SEQ ID NO:1953, b is an integer of 15 to 1022, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1953, and where b is greater than or equal to a + 14.	AA523290, AA700004, AI927220, AW170580, W74492,

		<p>present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1762 of SEQ ID NO:1954, b is an integer of 15 to 1776, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1954, and where b is greater than or equal to a + 14.</p>	<p>AI859845, AI991311, AA522795, AI081052, AA535079, AI400364, AI335984, AW193221, AW170345, AA622540, AI273767, AW168283, AI188508, AA565989, AI559433, AI420481, AI246782, AI928146, AA157892, AA314960, AI281336, AW194453, AA838633, AA844471, AI401064, AI949231, AI911649, AI268908, AI874198, AI186144, AI819846, AI276313, AI874344, AI963847, AW193220, AI863584, AW167101, AW168206, AA149417, W79089, AA506616, AI564546, AL036495, AA434123, AI560666, AA149738, W02467, AA948146, C06165, AI660464, AW167111, AI961910, AI343369, AW194388, AI567796, AW009339, AA434059, AI739607, AI280032, R48300, AA551656, AW167849, AI346572, AI923100, AI005290, AI091394, H93341, AA295491, AI588982, AI819915, AI950029, AI991855, AI347074, AI347076, AI660868, AW374558, AI682624, AI348165, AI949885, AI347071, AW014104, AA582757, AI860565, AI222884, AI861959, AI283186, AI347501, AI305833, AI031766, AI346386, AI346944, AW189088, AI032425, AI283162, AI347072, H27323, AI214245, AI346606, AI743195, AW015201, AI347060, AI346569, AW275383, AI281140, AI346475, AI743978, AI274133, AI738882, AI273374, AI347930, AI738627, AI991114, AI097004, AI144005, AI304544, AA569935, AI281141, U46417, AA157596, AI274318, AI285074, AI346274, AI336454, AI346908, AW374542, AI339875, AI014860, AA293207, AI339827, AI861957, AI281257, AI243957, AI281300, AI336446, AI660830, AI347929, AI368165, AA477634, AA411444, AI343934, AI636236, AI274312, AI424819, AW024873, AI337303, AI339815, AI470046, AI690641, AI284953, AI284985,</p>
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AI077453, AI304526, AI272752, AI283882,
AA149402, AI346977, AI345971, AI281170,
AA568902, AI274915, H27350, AI262634, AI217716,
AW000877, AW374541, AI818196, AI738744,
AI285000, AI348231, AI274936, AI263949,
AI347005, AW242694, AI280854, AI970403,
AI273369, AI346999, AI304778, AI739069,
AA574044, AI186095, AW167644, AI346193,
AI688345, AI346941, AI346989, AI281121,
AW043573, AA149303, AW024983, AI280872,
AI274189, AI915133, H44304, AI318406, AI272747,
AI273217, AA427468, AA574043, AI277124,
AI669863, AI245933, AI246742, AI262266,
AI873728, AI688346, AA633341, AA864657,
AI318388, AW016561, AI672959, AA434269, R12121,
AI262441, AA506660, AW299999, AI290431,
AI274388, AI312741, AW027199, AW044256, R36883,
AI741229, H93844, AI955566, AA506754, AI537131,
N72688, H13937, AI346220, AI394296, H27324,
AI222762, AI280169, AW374650, AI272760,
AW237322, AA916675, AI262447, AA923527,
AW136052, AA492265, AB000712, D88492, AB000714,
AF007189, AF095905, AJ011656, AC004643, M74067,
AJ130941, AJ249735, E13998, AL049423, AL133655,
U30290, AR005195, AL133607, AL133084, AL133070,
AL133053, AL133051, AL133049, AL133076,
AL133608, D87953, AL122101, AL133015, AL133057,
AF002985, AR055519, AR015970, AR034821,
AF114168, AL122049, AF126531, AC004213,
AF057300, AF057299, AF031147, Y17957, Y14735,
X70685, AF052110, X72624, T96099, R05961,
R05962, R48403, R50075, R50076, W21446,
AA430665, AA492185, AA505980, AA563652,
AA595940, AA622827, AA863314, AA886772,
AA284679, AA293130, AA293763, D25752, T24860,
AI540462

1955	HOGCI47	883799	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1115 of SEQ ID NO:1955, b is an integer of 15 to 1129, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1955, and where b is greater than or equal to a + 14.</p>	<p>AW054994, F33829, AI560717, AI268302, AW005178, F22745, AA284546, AW296592, AI298213, AI356840, AI493477, F36987, AI081004, AI038823, AI633219, T66954, T36169, W71988, Z39991, H50924, AA284816, F09164, AA043299, T31835, W78780, AA745562, H16657, AW262658, AA745578, AA744099, AI349099, AA989269, R72575, H51586, AA744396, T79883, W76380, H16514, H38527, AA995198, AA296888, AA541441, F11503, AI475083, AI302606, AA043300, AA886838, R54219, AI125823, T66953, AA745444, AW361009, AA296951, F03443, AA297044, AA335686, F05047, R37601, AA090754, AI970619, Z44304, AW374215, AI547101, R51823, AA783044, AA594940, AW176749, AA583598, T15585, R49122, AA085248, AF131774</p>
1956	HWLUT61	883945	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 265 of SEQ ID NO:1956, b is an integer of 15 to 279, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1956, and where b is greater than or equal to a + 14.</p>	<p>AI942421, AA588562, AI942402, AI520886, AI867203, AA995170, AA045481, AW380270, AI680440, AI362487, AI591163, R82350, AI934005, AW089784, C04722, AA046708, AI690012, AA016994, AI274637, AI872632, D19775, AI985406, AL049685, AL049792, AF093744</p>
1957	HLTBA42	883971	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 909 of SEQ ID NO:1957, b is an integer of 15 to 923, where both a and b correspond to the positions of</p>	<p>AI767559, AI631820, AI758931, AI758389, AW118708, AA630485, AA761469, AW195693, T89742, AA807177, AA361233, AI679708, AI244041, AI572549, AA947977, AI679134</p>

1961	HSIFV30	884168	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1706 of SEQ ID NO:1960, b is an integer of 15 to 1720, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1960, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2840 of SEQ ID NO:1961, b is an integer of 15 to 2854, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1961, and where b is greater than or equal to a + 14.</p>	<p>AI803484, R78080, AI129966, AI925109, AI804159, AA279212, AA410910, AA678827, AI8660837, AI183591, AW316983, AI431314, AA766602, AA081236, AW194027, AI521521, Z38832, AA588351, AI923638, N39554, R22273, AA447188, AA769352, T52102, AA371263, AA259257, T60532, AW411209, R22218, Z42670, AA443811, AA969814, AA729654, AA259256, AI969030, AW409826, R24524</p>
1962	HNTSY52	884215	<p>polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4073 of SEQ ID NO:1962, b is an integer of 15 to 4087, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1962, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4073 of SEQ ID NO:1962, b is an integer of 15 to 4087, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1962, and where b is greater than or equal to a + 14.</p>	<p>AI815240, AI631739, AA309645, AI696961, AI479235, AA307961, AI978872, AW195761, AA280818, AI990440, AW262762, AI809185, AI037930, AI637988, AI754009, AA181165, AA972531, AI817057, AI494056, AW073248, AA181166, AI826853, AI361369, AI149286, AI752584, W52618, AW339206, AW075435, AA115631, AI445241, AI523220, M62298, AA558913, AW368570, N51760, AA348679, AI735744, AW384980, AW384967, AI802541, Z19223, N35007, N74118, H03102, AA102848, Z25028, AI624448, AI279412, AI476071, AA385867, AA095022, AW194583, AI383593, AA360919, R79669, Z28444, AA506352, R26853, AA133388, AA330074, N30413, Z28730, AA020013,</p>

1963	HCR0M43	884379	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 787 of SEQ ID NO:1963, b is an integer of 15 to 801, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1963, and where b is greater than or equal to a + 14.</p>	<p>AI954282, R79858, D31597, R77935, AA280996, H99307, AA020014, R27081, AI950631, AA295264, AA402581, AA093272, AA093324, AA248050, AI221843, N47215, AL080111, AR044142, AR044127</p> <p>AW374334, AI064813, T31706, T08905, R94666, T09212, T31698, T83796, AA714176, T27030, AI655004, AW239098, AF196972</p>
1964	HLWCF60	884529	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1612 of SEQ ID NO:1964, b is an integer of 15 to 1626, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1964, and where b is greater than or equal to a + 14.</p>	<p>AI083497, H14688, N77514, AW015613, H16869, AA377154, AW194949, AA378912, AW390260, H24407, AA307120, W39491, F25064, AA252725, AI539349, AA252714, H17215, AA136412, AA076537, AA076506, R57305, H06942, AA488566, AF151908</p>
1965	HWLKD85	884719	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 576 of SEQ ID NO:1965, b is an integer of 15 to 590, where both a and b</p>	<p>AA282838, AA121115, AA323118, AI351856, AA325395, AA248006, AB028859, AJ250137</p>

1966	HCRMX54	885350	<p>correspond to the positions of nucleotide residues shown in SEQ ID NO:1965, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1956 of SEQ ID NO:1966, b is an integer of 15 to 1970, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1966, and where b is greater than or equal to a + 14.</p>	<p>AL038837, AL037051, AL039074, AL039128, AL039109, AL039108, AL039659, AL039156, AL045337, AL039625, AL039648, AL039629, AL039678, AL042909, AL040992, AL039564, AL038531, AL037726, AL045353, AL036973, AL044407, AL039410, AL039423, AL039538, AL039386, AL044530, AL039566, AL039509, AL036725, AL045341, AL039150, AL036196, AL037639, AL038025, AL039924, AL036767, AL037615, AL038821, AL036117, AL036238, AL043441, AL045794, AL039085, T24119, T24112, AL036679, AW013814, AL043445, AL043422, AL037526, AL037027, AL037601, AL043423, AL036924, AL036964, AL036158, AL036765, H00069, AL036268, AL036733, AL037177, AL037054, AL036418, T23947, AL036998, T02921, AL036133, AW451070, AL037643, AL036132, AL037082, AL038851, AL036167, AL036163, AL037178, AL037049, AL037085, AL036190, AL037600, AL036914, AL036139, AL037047, AI535983, AL037124, AI535783, AL037021, AL036191, AW452756, Z99396, AL044960, AL036152, R47228, AL036900, D51250, AL036150, AL036227, AL048425, AL036207, AL036174, AL036953, AL036719, AL037679, T23659, D80253, AL036858, AL037077, AL036808, D59787, AL038043, AL037569, D80043, D59275, D80219, T48598, AA514190, Z25782, AL038447, D80227, AW450376, D80240, D80134, AA631969, AL037002, D51423, T11051, AL036999, D80210, Z25783, D59619, H00072, AL037016, C14227, AL037094, AL036630, D80193, D80196, AW135155, D80168, AL039440, D59927, AI557751,</p>
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1967	HTPHK88	885476	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1208 of SEQ ID NO:1967, b is an integer of 15 to 1222, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1967, and where b is greater</p>	<p>AA433834, AA427986, W38581, AA362763, AA331674, W05306, AA029735, AA331672, W93893, H46399, AI672548, AI637672, AA025077, R26502</p>

1968	HCQBD35	885484	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1424 of SEQ ID NO:1968, b is an integer of 15 to 1438, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1968, and where b is greater than or equal to $a + 14$.</p>	AA056059, N55045, AI016561, AL035552, Z82975, AC004388, AC004993, AC010722, AC006924, AL033397, AL022151, Z84720, AL109654, AC005145, AL136297, AC004081, AL121823, AC007458, AP000493, AC005053, Z93403, L11910, Z72001, AC004911, AC002071, AL121654, Z99497, AL109758, AL133244, AL034377, AC002524, AC004998, AC002367, AL049588, AC006041, AL022164, AL031650, AL117667, Z83848, AC003080, AC005250
1969	HLQFI67	885511	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 509 of SEQ ID NO:1969, b is an integer of 15 to 523, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1969, and where b is greater than or equal to $a + 14$.</p>	R08489, AI683117, AA724056, AI571789, AA489761, AW341505, AI590115, AI884695, AI651965, AI863337, AI028587, AI246696, AI920847, R76087, AI032590, AA835680, AA508647, AA765513, AI791278, H51121, AI568523, AA034147, AA513202, AA053714, T99214, AI821534, Z82198, Z82201, AC008014, AC005296, AL031782, AL133512, Z74696, AC008498, L81800, AC005871, AC002209, Z98744, AC003695, AC004559, AP001117, AC004616, AC004836, AC005069, AC004068, AL049648, U69569, AC006325, AC006256, AC007126, AC004106, AF093117, AL049828, AL023806, AC002078, Z72004, AL049734, AC005066, AC006406, AL023582, AC006368, Z70288, AL133246, AC008080, AF165175, AC007370, AC005539, AC007461, AC005738, AL023579, AL022477, AL035684, AL022576, AC002526, AC007542, AL132800, AF165176, AL078598, AC008126, AC008072, AF064860, AL031681, AC007385, AC005232, AC004885, AC007103, AC005157, AF000660, AC004063, AC003046, AL035686, AC007016, AL078602, AL109612, AL117355, U85197, AJ010598, AL135746, AC006143, AC006032, AL035667, AP000243,

1970	HAIJBV26	886331	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 761 of SEQ ID NO:1970, b is an integer of 15 to 775, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1970, and where b is greater than or equal to a + 14.</p>	<p>AP000203, AL034417, AF042090, U71148, AC005533, AC004042, AL079352, AL049844, AL031123, AC004788, AC003119, AC007786, AL031965</p> <p>AW160977, AW392670, AL119483, AL119497, AL119443, U46341, AW372827, AW384394, AW363220, AL119319, AL119457, AL042975, AL119324, Z99396, U46351, AL119484, AL119363, AL119341, AL119391, AL119355, U46350, U46347, U46349, AL119444, AL134902, AL119396, U46346, AL119335, AL043011, AL134920, AL134533, AL119439, AL119522, AL119496, AL042970, AL134538, AL119399, AL042965, AL134518, AL037205, U46345, AL119418, AL042614, AL042995, AL134531, AL042896, AL043029, AL042450, AL042544, AL134526, AL042542, AL142139, AL043019, AL042984, AL042551, AL043003, AL119464, AL119488, AL117339, AB026436, AR054110, A81671, AR060234, AR066494, AR069079, U27699</p>
1971	HBJJF90	886505	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1120 of SEQ ID NO:1971, b is an integer of 15 to 1134, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1971, and where b is greater than or equal to a + 14.</p>	<p>AI291206, AI692352, AA159669, AA166774, W87878, H60270, R00390, AI174957, AA082398, AA047213, AI567717, N58610, AA384188, AA344124, AI970562, AI572002, AI860354, AA035047, N26366, AA382178, R21443, AA649513, AA294966, AA393451, AW372027, AW383791, N79097, AW176696, AA579377, AW383795, AW363037, AW372042, AW372015, AI887591, AW383956, AI590368, AA489105, AW379471, H72198, W57920, AA989009, AA286892, AW363951, AA047214, AW372040, AA459578, AW383793, AW383800, AA092369, AW383794, AW364575, AW383786, AC004686, AF161410</p>
1972	HWLFB44	886527	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 437 of</p>	<p>AI688604, AI660552, AI659950, AW296326, AW291582, AI700219, AI380340, AW004785, AW295479, AW006764, AI688540, AA522452, AA594441, AI695451, AA470898, AA594533, AI581787, AI581803, AI581880, AI832419</p>

1973	HCE4U96	886788	SEQ ID NO:1972, b is an integer of 15 to 451, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1972, and where b is greater than or equal to a + 14. Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1371 of SEQ ID NO:1973, b is an integer of 15 to 1385, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1973, and where b is greater than or equal to a + 14.	AI688460, T09220, AA338971, AI969431, AI862437, AI862438, Z42464, W46479, AW163719, AW139376, AA314949, AI214207, AC004382
1974	HWLEL48	886914	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 734 of SEQ ID NO:1974, b is an integer of 15 to 748, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1974, and where b is greater than or equal to a + 14.	AW014333, AW376283, I82554, U79725, I82549
1975	HTGBT14	887098	Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 757 of	AA528172, AI870515, AW022634, AI122636, AI807139, AI524135, AW117562, AI332968, W94241, AI034051, AW119174, N53839, AI378914, AI708759, AA699609, AA425884, AA909771, AI086409, AI312652, AI382156, AI161356, AA635388, AA633491, W94238, W46444, AA746370, AA228039,

		<p>SEQ ID NO:1975, b is an integer of 15 to 771, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1975, and where b is greater than or equal to a + 14.</p>	<p>AI362190, AA443159, AA975136, AI144548, W94114, R33101, AA713985, AI350918, AI301665, AA928203, AI864872, AA702159, AI052284, AI340996, W95293, AA228149, AI497988, AA084519, AA223979, F22291, F21666, AW262545, AI421254, W69785, AI492628, F22149, AI038217, AA782142, H51447, F29644, W95550, AA633151, W51800, AA524187, AI220373, AI718892, AA978346, H51405, AA866163, N73336, T48735, F26124, AI971845, W78797, AA704978, W69733, AI066547, AA082415, AA224044, AA918327, W92564, Z22018, AA306319, AA928012, W46469, AA002051, AA463446, AA970170, W95702, F36672, F20308, R33196, AI460269, F34207, W95701, AA378930, AA090815, AA661851, C21256, T48734, F18648, AA428745, AA093730, AA666150, AA062817, AI027170, AA001847, AI264217, AI653972, AI202069, AL079963, AI539028, AW149925, AI269862, AI364788, AL047763, AL041150, AL042628, AW198075, AI537989, AI932794, AW268220, AI334450, H89138, AI564259, AL119863, AI648663, AI344928, AI358701, AI582932, AL036638, AL045500, AI570807, AL045266, AW079572, AI308032, AI698391, AI344785, AI670009, AW087445, AI889953, AI520809, AA225339, AI345148, AI433976, AL037454, AI620284, AI468872, AW020693, AI335209, AI433157, AI270183, AI554821, AW151136, AI539771, AI537677, AI494201, AI802542, AI500659, AL036631, AW168485, F27788, AI815232, AI801325, AI500523, AI866090, N80094, AI923989, AI284517, AI500706, AI445237, AI491776, AW151138, AI889189, AI521560, AI500662, AI284509, AI288285, AI889168, AI866573, AI633493, AI434256, AI627988, AI344933, AI805769, AI888661, AI284513, AI888118, AI524671, AW162194, AI889147, AI812015,</p>
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1976	HKLRB09	887114	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1698 of</p>	<p>AJ238278, X63574, AJ012755, AL122123, AL133104, AF017437, AF097996, AL050024, AL133640, AL117583, AL117585, AL122098, AL133113, U42766, A03736, X96540, AF061943, AF003737, AF162270, Y11587, AL137550, AF090943, AF183393, AF158248, AL137292, S61953, U67958, I42402, A93350, AF026124, AF017152, AF090900, AR038854, AL080074, AR000496, U39656, Z72491, AF079763, AR059958, AL110221, AL117457, AF111112, AB019565, AF119337, AL049430, AF113699, AF153205, AF113691, E07108, A07647, AL050146, AL137476, AL137526, I09360, X70685, AL049314, AL137648, AJ242859, L31396, AL096744, AL110225, AL117394, L31397, AL133093, AF113676, AL133565, AF079765, AF057300, AF057299, AJ000937, L30117, AF111849, AL133557, E02221, AL080060, AL133067, AL137556, A90832, AL050172, AF210052, AL122118, AF118070, AL122050, AL133098, AL137533, AL050108, AF146568, AF090896, AF106657, AF118064, M30514, X84990, AL080127, AL133075, AL117440, AL080137, AL137527, E08263, E08264, A93016, AL137480, AF032666, AL049938, A45787, E04233, U96683, AL133568, AJ006417, X53587, AR038969, AR013797, AL133081, AL110197, Y09972, AF061573, U68387, AL137523, X87582, U58996, Y07905, AF081195, AL137294, AL137283, E06743, X83508, AR020905, AL137478, AL137488, AL050092, E05822, E08631, Y10080, L19437, I09499, U78525, AF051325, X92070, AL137705, AL023657, AL117432, AF081197, U49908, AL080086, AF106827, Z37987</p> <p>AI732659, AI791955, AA577625, AW083143, AW138645, AL038837, AL039074, AL039564, AL039109, AL039108, AL039156, AL037051, AL038531, AL039659, AL036725, AL039625, AL039648, AL039629, AL039678, AL040992, AL039150, AL039128, AL037726, AL045337,</p>
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		SEQ ID NO:1976, b is an integer of 15 to 1712, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1976, and where b is greater than or equal to a + 14.	AL042909, AL039423, AL039410, AL039085, AL045353, AL036973, AL044407, AL039538, AL039924, AL039386, AL038821, AL044530, AL039566, AL039509, AL036196, AL043445, AL037526, AL037639, AL038025, AL036418, AL045341, T24119, AL043422, T24112, AL037615, AL036767, AW013814, AL043441, AL045794, H00069, AL043423, AL036924, AL037082, AL038851, AL037104, AL036117, AL036238, T23947, AL036190, AL036679, AW451070, AL036733, Z99396, AW452756, AL037081, AL037027, AL037601, AL036191, T02921, AL037178, AI535983, AL036158, D51250, AL036765, AL036998, AI535783, AL037054, AL036964, R47228, AL036174, AL037177, AL037021, AL037643, T23659, AL037600, D80253, AL037049, AL037124, AL036858, AL037077, AL036139, AL119457, D59787, AL036132, AL036167, D80043, AL036268, D59275, AL037085, AW450376, AL036152, D80219, AL042544, AL036228, AL119399, T48598, AA514190, Z25782, AL036900, AL038447, D80227, AL036953, AL036808, AL119324, AL042382, AL037047, AL036207, AL079794, AL036227, D80240, AL041862, AL036742, D80134, AL036719, AA631969, AL036150, AL037002, D51423, T11051, AI763414, AL042745, AL119511, AL036999, AL119748, AI174394, AL040243, AL037679, AL042628, AL037569, D80210, Z25783, AI696819, AW151136, AL047675, AL079741, AL046356, D59619, AW029611, AI280732, AL045266, AL079977, AW071349, AI608936, AL042744, AI249877, AL045620, AL046926, AI591407, AW089179, AL047092, AL045163, AL039276, H00072, AL121286, AI433976, AI680162, AL045500, AL042787, AI433157, AI554821, AL049085, AI539771, AI537677, AI432666, AI500659, AI815232, AI648502, AI805769, AI801325, AI648663, AI500523, AI625467, AI582932, AI923989,
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	AI284517, AI500706, AI491776, AI445237, AI511138, AI889189, AI521560, AI828731, AI500662, AI284509, AI889168, AI499285, AI888899, AI433968, AI866573, AI633493, AI434256, AI888661, AI284513, AI888118, AI758816, AI633419, AI440252, AI610115, AI888903, AI045774, AI040241, AI269862, AI620284, AI917963, N80094, AI913452, AI520702, AI799199, AI90042, AI932794, AI073994, AI889953, AI699011, AI042551, AI933785, AI520809, AI51785, AI537515, AI888944, AI468872, AI344817, AI929108, AI569309, AI796743, AI93026, AI608676, AI868831, AI922901, AI859464, AI364788, AI036638, AI119791, AI251830, AI365256, AI067797, AI013456, X68127, AI118808, Z96142, AI062871, AI036905, A95051, AI031374, A85477, A85396, AI244003, AI244004, AI031375, AI8371, AI025207, V00745, A44171, AI018924, X73004, A63067, AI49700, A51047, A63064, AI018923, A48774, AI63072, A48775, AI017907, AI068507, AI068506, AI38214, A58521, AI015960, I56772, I95540, AI000007, AI015961, AI020969, A98767, AI02712, AI25909, I19516, AI230933, A93963, A93964, I63120, A95052, A64081, AI043602, AI043603, AI043601, A95117, AI08053, I06859, AI08050, AI4772, A23334, A75888, I70384, A60111, A23633, AI007512, A23998, I60241, A84776, I60242, AI4773, A84775, AI062872, A84774, AI062873, AI92133, AI067731, AI037157, AI067732, A86792, AI58522, A91750, A58524, A58523, AI054109, AI20702, A43189, A43188, AI20700, AI156296, AI244005, E13740, Y11926, A67220, I03343, AI036903, AI81878, I66495, I66494, I66498, I66497, I66496, I66486, I66487, D28584, A24783, AI24782, AI35536, AI35537, AI022240, AI02135,

				<p>A02136, A04663, A04664, A11245, A02710, E12615, AR035193, E14304, A07700, I00074, I01992, A13392, A13393, I19517, A27396, A76773, A22413, I28266, I21869, I13349, AR027100, A49045, I25027, E16678, E03165, E16636, I26929, A82653, I44515, I26928, I26930, I26927, A58525, I08051, A93016, A51384, I03665, Y11923, I03664, A15078, A70040, AF156294, A97211, E16590, E00523, AR038286, I25041, I92483, AR000006, AR038762, D88984, I49890, I44516, U87250, A92636, I00079, D14548, E02221, E01614, E13364, A58526, A91753, I00077, AR008430, AR035975, AR035974, AR035977, AR035976, AR035978, D34614, AF019720, S70644, AF096810, A18722, A91754, AB012117, A97221, AF156303, AF156302, X58217, AR064706, I07429, I68636, M32676, AF156304, A10361, AF156299, A60957, I84554, I84553, A60968, AF096793, Y11449, AR066482, A60985, A60990, A60987, S65373, Y17188, A91965, D44443, AB007195, X15418, I69350, AF130655, AR027069, A10363, A20701, X73003, A52326, A04710, I08250, E04616, X13220, S83538, Y11447, AR063812, I07888, E06034, Y11920, Y11587, AL122049, AF156300, AR066494, AR060234, I03663, AL137271, A02711, AF183393, AL117585, AJ000937, I89947, I48978, U80742, AL137463</p>
1977	H2LAS29	887155	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 484 of SEQ ID NO:1977, b is an integer of 15 to 498, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID</p>	<p>AW408152, AW263155, AA360413, AA314512</p>

1978	HMEKH10	887172	<p>NO:1977, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 4471 of SEQ ID NO:1978, b is an integer of 15 to 4485, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1978, and where b is greater than or equal to a + 14.</p>	<p>AW341677, T06373, AA923375, AI902953, AI016704, AI817516, AI963720, N92756, AL037683, AW303196, AW301350, AW274349, AI368745, AI345681, AI345675, AW088846, AI270117, AW271904, AA577748, AL045077, AI859946, AI267818, AI625244, AI679782, AW302048, AI570261, AW029038, AL044940, AI696962, AW162049, AI929531, AW276435, AA843450, AA587604, AI962050, AA828047, AI061313, AA878149, AA603323, AA502175, AW191886, AI457397, AW407578, AI370475, AW021116, AW088202, AI339850, AI814735, AI890348, AA501784, AW075511, AL038785, AI561060, AW263864, AA503258, AA904211, AI138265, AA533408, AA177061, AA601680, AI918421, AI567674, AI049722, F17700, AA490183, AF085833, U95822, AC006480, AC006441, AC005102, AP000553, AC002492, AL022328, AL020997, AC004217, AC004491, AC002350, AC003003, AC005736, AL133448, AL034555, Z98036, AC005081, AC004967, AL022318, U91326, AL121658, AC007666, AC005562, AC004659, AC005488, AC006011, AL049569, AC020663, Z95152, AL133355, AC004841, AF030453, AL031283, AL034549, AC007242, AC005011, AC002425, AC007055, AB023049, Z83838, AC008009, AF053356, AC002565, AC007192, AL132712, AC005666, AC005839, AL049795, AL033376, AL034423, AC005529, AL022165, AC004019, AC005088, AL024498, AL049830, AC004859, AC009516, AF001552, AL020993, U63721, AC006271, AC004228, AL021395, Z84480, AC004531, AC006449, AF001549, AC000052, AF031078, AP000502, AC004966, AL022313, U91323, AC004087, Z93241, AC005874, AF134471, AF030876, AC004878,</p>
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	AC007358, AP000503, AC007993, AJ003147, AC002477, AL035587, AC004216, AL096791, AF037338, AL021155, AL031602, AL121603, AL049869, AC008372, AC006312, AC002301, AC006132, AC004983, AC005229, AC007225, U82828, AL031681, AC004596, AC006013, AC005531, AP001052, AC006285, AC005154, AC006064, AC005920, AP000493, AL021937, AC005899, AC005764, AL031668, AC005578, AC004812, U95740, AC005004, AC004895, AC005940, AC005317, AC005722, AC003041, AC007216, AP000045, AP000113, AL117258, Z98200, AC004167, AC000070, AP000513, AC002426, AC002542, AL121653, Z85986, AC002310, AC005952, Z99716, AF134726, AC005280, AC005015, AL109952, AC003029, AL049779, AC005821, AC005057, AC006130, AC003043, U62293, AF111167, AC006581, AL034548, AC005071, AC005694, AC007899, AC005484, AC005844, AC004813, AC002395, AC002044, AL022326, AC002316, AC003665, AL096701, AL031680, AC004263, Z94721, AL022476, AL049843, AC006211, AL049766, AC007773, AC007308, AC006547, AC004382, AJ246003, AC006071, AL049780, AC005037, AC005520, AC002544, AC005519, AC007298, AC005193, AC002470, AL031577, AL031286, AC002558, AC004150, AC005089, AC008115, Z93017, Z86090, AC005086, AC004990, AP000501, Z98884, AC004796, AC005065, Z98750, AL078603, AC004686, AC002472, U95742, AC007021, AC005104, AL080243, U47924, AB003151, M63543, AP000050, AC006270, AP000036, AC004820, AC004084, AC000353, AL024507, AC002400, AC007114, AL031178, AP000031, AC007151, AC006160, AC004655, AC005295, AL022336, AC016025, AP000952, AC006001, AL133353, AP000133, AC005740, AF205588, Z77249, AL031230,

1979	HWLWR3 9	887192	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2472 of SEQ ID NO:1979, b is an integer of 15 to 2486, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1979, and where b is greater than or equal to a + 14.</p>	AC005911, AC002549, R69689 AI088434, AA621667, AI346645, AW263010, AI609518, AI625220, AW304172, AW029222, AI608891, AI813425, AW276382, AI827115, AW074235, AI858601, AW082804, AI985831, AA669865, AW170309, AA618054, AI795849, AI683880, AI281027, AI963363, AI623888, AI828889, AW192796, AI818478, AW188700, AW316981, AW183022, AI144179, AA738239, AI955571, AI128137, AA975350, AA523124, AA161208, AI952102, AW339226, AI589258, AA781230, AW337829, AA931097, AI682815, AI348149, AA745890, AI000902, AI187264, AI554320, AA284668, AI304724, AW369971, AI591155, AI149294, AW083724, AI274754, AA969848, AW026240, AI750653, AI433158, AI350439, AA158743, AW238819, AW192073, AA157530, AI357834, AA464119, AA883794, AW176385, AA554892, AI910051, AW362693, AW337353, AW362669, AW062307, AI750652, AI188344, T89676, AI370440, R74284, AI766050, AA100117, AI431334, AA583615, AA284669, AA973099, T29593, AI750507, AA463985, AA192627, AI273199, F06065, AI269833, AI702408, R24159, AI624229, AI583131, AA040727, AW338259, T19421, AW362710, AA345817, AI686279, AI471394, AI702510, AA894583, R39975, AI589449, AA886172, AW081126, AW362723, AW362732, AA195849, AI915757, AI754103, R74194, T19420, AA906982, R27515, AI932864, R80161, R10151, AI269834, AA039591, AA158183, AL042359, AA159558, AW369968, R10562, AA159112, R25662, AA039590, AI11978, E01560, E01559, E00924, E01238, E02114, D00244, E01467, A21571, A09202, A35395, A04029, X02760, I03932, I07013, E00178, AI0915, AI0916, AI8397, X02419, E00421, E02577, E02649, I08788,
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1980	HADME31	887280	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 901 of SEQ ID NO:1980, b is an integer of 15 to 915, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1980, and where b is greater than or equal to a + 14.</p>	E02832, E02493, E04897, E02578, I48917, E02708, E02579, E02709, E03404, E03403, E03405, X51935, K02286, E06063, I56011, L03546, X85801, E00853, A08501, E06847, E06846, E03402, I05760, X63434, X02724, X01648, X65651, A20747, A83180, AF097647, E01176, A76865, Z36790, I01583, E01603, I01586, E01178, E01604, E01177, E04615, A27451, A27452, E03605, E03858, A31147, A31179, A31178, A31148, A07733, A07732, A31150, A31181, A31151 A1376391, AW044644, AA435896, AI306612, AA824370, AA626315, AA991266, AI192974, N78952, AI401045, N78829, AI077370, AA448861, W68342, AA724792, AI708684, AI370929, AI015595, AI401211, AW043992, AA862620, AI201717, AW005929, AI498880, AI718029, AI333236, W93038, AI092949, AI147031, AI004135, W17346, AA027214, AI525556, AA447925, T98518, AA652731, AA585439, AA878662, W17259, D80253, D80043, D80219, D59787, D59275, AA401790, D80227, AI525316, D51250, W68383, D80240, AI541365, AA585356, D80045, D80210, D51423, AA585440, AI541510, D80134, AI535660, D59619, AI541508, D80391, AI526140, D80193, AI546855, AA585101, AI535639, Z30131, AI541523, AI546828, AI526180, AI541374, AI557731, AI541514, Z28355, D80196, C14227, D80949, AI557262, T11028, AI536138, D59927, AI546999, AI525306, AI557238, AI143531, AI547039, D80168, AI342055, D80366, AI541205, AA585453, AA585434, AI541535, AI541307, T11051, AA585476, D57491, AI556967, AI557799, C16300, R29445, AI525431, AI546945, AI540967, D81026, AI557082, D50995, C14014, AI541534, C16305, AI525856, AI525320, AI557808, AI525328, AI526194, C75259, AL040155, AL041346, AL041096, AL047012, AL041358, AL041277, AL041163,
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	AL041098, AL040621, AL043538, AL041324, AL040464, AL044162, AL041086, AL043496, AL041296, AL041233, AI557084, AI546875, AI557787, AL039156, AL043441, AL041140, W25674, AL039150, AJ239433, AL038821, AL039085, AL040193, AI541013, AL043445, AI525653, AI526184, AA585155, AI535813, T24119, T23985, AL040149, AI546899, AL045725, AL041197, D61254, AL043612, T24112, AL039564, AL039538, AI557807, AL039108, AL039678, AI526196, AL039915, AL039074, AL038837, AL039625, AL039648, AL039629, T23888, AI541048, AL037726, AL038531, AL039109, AL040992, AL039924, AL040463, AL039128, AL044407, AL039386, AL036973, AL045337, AL037051, AL039509, AL045353, AL036725, AL039423, AI546891, AL047219, AL041227, AL039566, T23947, AL047057, D59889, AL039659, AL047170, T41289, AL040119, AL047036, AL041292, D55233, AL041159, AL041051, AL047183, AL040322, AL041131, AL046330, AL045341, AL041133, AI541509, AL041238, AL041142, AL045817, AL045794, AL039410, AL040529, AL040625, AL040510, R29218, AL042909, AL043467, AL044186, AL044037, AL040091, AL040128, AL040168, AL040255, AL040285, AL040342, AL040332, AL040617, AL045684, AL040745, AL041347, AL040370, AL043677, AL046442, AL040553, AL040839, AL041752, AL043444, AL043775, AL044165, AL043492, AL041602, AR017907, AR062871, AR062872, AR062873, I13349, A20702, A20700, A43189, A43188, A84772, A84775, A84776, A84773, A84774, AR067731, AR067732, A58522, A91750, U87250, A02712, A18053, A95051, I06859, A23334, A75888, I70384, A18050, A60111, A23633, AR007512, AR043601, A91965, A35537, A35536, A02136, A04664, A02135, A04663, E13740,

	A11245, I60241, E12615, A02710, I60242, AR035193, A07700, A13393, A13392, A92133, AR027100, I66498, I66497, I66496, I28266, I66486, I21869, A70040, I84554, I84553, I08051, A10361, I19525, A25909, A67220, D34614, X68127, AR025207, Y17188, A85396, I44681, A85477, A86792, A44171, AR038855, I66495, I66494, I66487, AB012117, A38214, I56772, I95540, M28262, AR066482, I68636, AR035975, AR035977, I66485, AR031374, AR031375, A85395, A58521, I18371, A60985, AR020969, A60990, A85476, A91754, A62298, AR037157, AR008430, AF082186, AR035974, AR035976, AR035978, AJ244004, AJ244005, AR008429, A49700, X81969, AJ244003, I48927, A62300, AR054109, AJ244007, A93016, A98420, A98423, A98432, A98436, A98417, A98427, D14548, AR038762, I63120, A98767, U94592, Y16359, A93963, A93964, A58524, AR036905, A58523, AR063812, D78345, Y09813, AR022240, A97211, X83865, I15717, A63067, A51047, A63064, A63072, I15718, AR068507, AR068506, I05558, I08396, AF118808, A95117, I08395, X73004, AR018924, AR018923, A48774, A48775, AR015960, AR000007, AR015961, X55486, I19516, S70644, D88984, A23998, A95052, AR043602, AR043603, Z96142, I00074, I92483, AR038286, E03627, A60212, A60209, A60210, A60211, I62368, A22738, A84916, A24783, A24782, I03665, A64081, I03343, I03331, I00682, D50010, A81878, I03664, A77094, A77095, A15078, E00523, D26022, A11624, A11623, E00609, A64973, I49890, A11178, E01007, AF156296, AR036903, D28584, E14304, I19517, A27396, A76773, A22413, E16590, A49045, E16678, A82653, E16636, Z32836, AF156294, E04616, I01992, AF149828, I25027, I26929, I44515, I26928, I26930, I26927, I25041, AR031488,

1981	HFVJL45	887399	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1413 of SEQ ID NO:1981, b is an integer of 15 to 1427, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1981, and where b is greater than or equal to a + 14.</p>	<p>I13521, I52048, I44531, A90655, X58217, Y11923, V00745, I44516, AR031566, A58525, I01995, AR038066, AJ230933, AF019720, I18895, E03165, Y11926, A20699, E00696, E00697, A60957, E03813</p> <p>AA429438, AI074616, AW008223, AI523733, AA969328, AI309184, AI910363, T57069, AA973222, AW009928, AI266526, AA664093, AI808681, AI033844, AA860930, AA256367, H49508, AI807270, R95740, AA256366, R95884, AW449536, AI027719, H80516, AI674127, AI202271, T57140, T11308, Z20897, AI247797, AA494323, AI866606, AI866611, H49507, R20117, T18508, T81888, AI247938, AI150468, T71213, AL119324, AL119399, AL134524, AW372827, AL119443, AW392670, AL119391, AW363220, AW384394, AL119457, AL119484, AL134528, AL119439, AL042544, AL119319, AL119497, AL119522, U46346, AL119363, AL119335, AL119496, U46350, AL134518, U46349, AL119444, U46347, U46351, U46341, AI142132, Z99396, AL119355, AL119483, AL042614, AL119396, U46345, AL134538, AI142137, AL134530, AL134519, AL134531, AL119401, AL079687, AL037205, AL042980, AL042896, AL043037, L48516, AC004022, L76193, AC005021, AB026436, AR060234, A81671, AR054110, AR066494, AR069079</p>
1982	HWLFE56	887421	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 697 of SEQ ID NO:1982, b is an integer of 15 to 711, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1982, and where b is greater</p>	<p>AF061056, AF084644, AF084645, AJ009937, AJ009936</p>

1983	HSWBP93	887475	<p>than or equal to $a + 14$.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 509 of SEQ ID NO:1983, b is an integer of 15 to 523, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1983, and where b is greater than or equal to $a + 14$.</p>	<p>AA218952, AA422118, AI267777, AA761846, AA974489, AA249308</p>
1984	HSLJF91	887535	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 450 of SEQ ID NO:1984, b is an integer of 15 to 464, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1984, and where b is greater than or equal to $a + 14$.</p>	<p>AI525881, D78870, H11172, R19956, AA308077, AI591060, AA350839, AI557291, AF091352, A64392, AB021221, S82167, X62568, M32977, A64394, A64398, A64402, AF022375, A92244, A64400, X81380, M31836, M32976, AF071015, AF133248, A92248, S85192, AJ010438, A92246, M27281, A64396, A92242, AF214570, E13215, AF186236, E15157, M32167, M33750, S38083, X89506, AF133249, AF133250, M63974, A64404, AF215726, AF222779, AF215725, L20913, S38100, S37052, AF062645, AF106942, AF022179, S85199</p>
1985	HKLSC61	887803	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of $a-b$, where a is any integer between 1 to 1219 of SEQ ID NO:1985, b is an integer of 15 to 1233, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1985, and where b is greater</p>	<p>AL039924, AL045794, AW013814, T02921, T24119, T24112, AL036630, D51250, D80043, D80253, D59787, D80219, AL039629, AL039625, AL039648, AL038837, AL039074, AL037726, AL039678, AL039108, AL039538, AL039564, AL039156, D59275, AL039659, AL039566, AL039509, AL039150, D80227, AL044530, AL038531, AL039109, AL038821, AL040992, H00069, AL043423, AL039128, AL044407, AL036973, AL045337, AL037051, AL045353, D80240, AL039386, AL039476, AL045341, AL039423, AL042909, AL043441, AL044412, AL039410,</p>

			than or equal to a + 14.	AL04364, AL043445, AL038025, AL043422, D80210, AL036725, D51423, D80134, D59619, D80391, D80193, D59927, R47228, AL043586, D80196, D80949, C14227, AW450335, AL039521, AL039085, AL036196, T23947, AL037526, AI535783, AL037639, AW451070, D80366, D80168, AL037615, D80045, AI535983, AW452756, T11051, D81026, D50995, C14014, C75259, AL036767, AL036117, AL039459, AL039842, AL036924, D59889, AL037601, AI557751, AL036238, C15076, AL036733, AL037082, AL036679, AL038851, D80022, AL036418, D80038, T23659, AL037054, D80195, AL037027, AL036765, AL039504, AL036158, D58283, T11417, D81030, C14429, AW293068, D80188, AL037047, AL036964, AL036190, D51799, D80378, D59467, AL036650, F13647, AL036191, AL037104, T03269, AL037177, AL036998, AL037679, D50979, D80522, T48598, D80212, AL037178, C14298, AL036207, AL036227, D59502, AL037643, Z21582, AL036132, AL036167, AA285331, AL037600, AW450376, AA514190, D80164, C14331, D59859, D59695, D80166, AI021934, AL037124, D80269, AW206560, D80268, AL036152, AL042334, AL036174, Z25782, AL037021, D52291, D58253, D80024, AL048425, Z99396, AL036900, AL036139, D57483, AL044447, D59610, AL037085, D59627, D80241, AI910186, D81111, C14407, C14389, AW451416, H00072, T23656, AL037081, D51060, AL036228, AW178893, AA305409, AL037077, AL036268, D51079, AI763414, AL037569, AL036953, AW177440, AA305578, D51022, AW179328, AL039555, AW178775, D80014, AW378532, D80248, AL036808, AW352158, AW377671, AI905856, AW369651, D51213, D80251, D51097, AA514188, AL036858, AW178762, AW177501, D80064, AW177511, AL037002, AW360834, D80133, AA514186, AW360811, AI557774, AW378540, AW352117, T02974, Z25783, AL039417, C05695,
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1986	HLJEA63	887857	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1569 of SEQ ID NO:1986, b is an integer of 15 to 1583, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1986, and where b is greater than or equal to a + 14.</p>	AR036903, A11245, A02710, A35536, A35537, A07700, A13392, A13393, I19517, A02135, A04663, A02136, A04664, E03165, A97155, A76773, A22413, D28584, A70040, I21869, I01992, AR066482, AJ244005, AR028564, A83151, I08051, I00081, I00074, A98420, A98423, A98432, A98436, A98417, A98427, A15078, Y11926, I03665, I03664, Y11923, I01968, A13388, E00974, A02228, E00954, E00952, E00953, E00955, I08049, I43960, AR021440, E02221, E01614, E13364, I08776, A10360, E02679, E02104, E02098, A92666, E02001, E01718, E02003, E02102, E03550, E02096, A28163, E02100, E01997, A58998, E02291, E02292, E02293, E01999, E02396, E02327, E01563, E02431, E01693, E01696, A92668, AR005163, AR005154, AR005157 AI148864, AW080794, AW170514, AW006431, AI832265, AI188759, AW001480, AW168034, AW129649, AA769641, AW172714, AI598083, AA552439, AI587171, AI151456, AI151778, AI684150, AI339143, AA621571, AI221080, AI279608, AI347951, AA512993, AW243807, AI471439, AA627704, AA973368, AI346482, AI050852, AA194025, AA410196, AI262321, AI829191, AI344709, AA808606, AA832492, AI984534, AA149786, AI189417, AI446633, AI828290, AA580361, AI206376, AI924092, T98835, AW273245, AI300760, AI271915, AA133687, AI074095, AA659629, AW450853, W07258, AI435798, AA976596, AA603691, AW292998, AI950654, AA875879, AI244806, N29871, AA948384, AA946812, AA862576, AI804146, AI982855, AA812251, AA888824, N79741, AI832503, AA133726, AA577501, AA297383, AI220826, AA297386, AA535896, H95187, W79526, AA287234, AW190388, AA631290, AA908173, R47933, AA872504, AA496489, AI301669, AA297379, AA427910, R69472, AW004671, AA284504, AA746077,
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	AA989485, T98916, AA487702, AA297484, AA297153, AA464649, AA292774, AW170481, AI963760, W79558, AA394263, AI986058, AA903542, AW079683, AA487488, T98961, AI342966, AI982682, U46323, AA287210, AA297527, AA341051, AA861541, AA297453, AA557937, AA133595, AA464548, AA553875, AA486446, AI275661, AI719497, AA496440, AA481372, AI673125, AA565649, C21003, AA428283, T53668, AA298491, AI749779, AA421514, AW007555, AA411012, AI273816, N57294, AA340864, AA133686, AA327635, AA411355, AJ011497, AC003688, AF087825, AL137550, I89947, AF069506, AL137480, I48978, AF159615, A70386, AF102578, A77033, A77035, A08910, A08909, AL050024, X83544, AL049347, AL137459, AF177401, AR038854, AF026816, A08913, Z37987, U73682, AL110280, A58524, A58523, AL122110, AF183393, Y14314, AL117435, AL080159, AL035458, AL122050, AF124728, U80742, AL137548, Z97214, AL137539, AF087943, AL117457, AR068753, AL137533, AR034821, AF113019, A07588, S36676, S83440, E02221, X82434, Y16645, AL133113, U35846, Z82022, I25049, AF185576, AL080126, AF057300, AF057299, AF013214, AL136884, I48979, AF082526, I33392, A76335, A08916, A08912, AL137292, AF008439, I89931, S63521, A65341, AF090903, AL080148, AJ005690, I49625, AF119336, AJ000937, AL117460, AF100752, X63574, AL133112, X63162, AF185614, AL122118, AF113677, AL117587, AL137271, AF111849, AF026124, AF180525, AF002672, U49908, AL117635, AF097996, AL049382, AL050172, AL110296, I66342, X83508, A15345, AF113689, AF067728, X80340, AF039138, AF039137, AL122093, AL050138, AF106862, AR011880, AL133623, AL137463, S61953, AL137283, AL050149, AL133619, AL137521, X72889, AL137478, AL137560,

1987	HWLOA40	887892	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 507 of SEQ ID NO:1987, b is an integer of 15 to 521, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1987, and where b is greater than or equal to a + 14.</p>	<p>AF079763, AL110221, I25048, AF162270, AL117648, L13297, AR000496, A93914, U39656, AF090900, I09499, AF182215, AL133560, AB031064, AR020905, AL133637, U92992, AF100931, X66862, AF054599, AL049938, AL133557, A93350, AL096744, AL050146, AF061981, A52563, X66366, AJ012755, AL080118, X61970, U75932, AF113694, E03348, AL133080, AF051325, U58996, X84990, E01314, AF118558, AL049452, AL133031, AF061573, AF124435, AF076464, AL050277, A65340, AL049283, I33391, AL137530, M30514, L30117, S82852, AL133075, AL137558, AL117440, AL049447, AL133067, AL133084, AL137557, AF118070, AL133640, AL117626, I26207, AF111851, A45787, AF106657, X98834, AF017437, A08908, AL049300, AL080146, E02349, AL137554, AL080074, AB007812, AL137529, Y09972, X57084, AL023657, X93495, AL137555, AL133049, A03736, AF104032, I68732, I00734, AL133559, AF090934, AF145233, AL049430, AF113699, AF162782</p>
1988	HCQCF10	887936	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by</p>	<p>AA298484, AA297176, AA297147, AW001287, AW300770, AI691072, AA563933, I95745</p> <p>W15466, AI862531, AI823607, D80998, AA115712, AA410501, H66313, W37614, AF131758</p>

1989	HAIBW90	887996	<p>the general formula of a-b, where a is any integer between 1 to 332 of SEQ ID NO:1988, b is an integer of 15 to 346, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1988, and where b is greater than or equal to a + 14.</p> <p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 938 of SEQ ID NO:1989, b is an integer of 15 to 952, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1989, and where b is greater than or equal to a + 14.</p>	<p>AI185821, AA481723, AA626700, AW367390, AA313767, AA195688, AA315033, AA479334, AA989012, AA479641, AA479335, AA165042, AI400160, AW370132, AI924188, AW015034, F06368, C15288, H89161, AA364967, AW262875, AI566873, AA371283, AI566669, AI864174, AA304171, AI337891, AA295611, AA363869, T34361, C16344, T35252, AA374955, C16080, AI758577, AA406614, AW131846, AI811951, T19059, AW087747, AA77509, AA934901, N40173, R46865, AW157527, AI374781, AI379523, H64413, AI371781, R78607, AW173107, AA532727, AI742506, AA195689, AA235284, AA363917, AI801399, AI081113, AA295789, AI742505, AI087379, AA527113, AA527036, AA373921, AI952545, AI269215, AI245243, AA302499, AI792601, AA600140, AI040546, H92421, C16267, AI805770, Z24901, AA625963, AI139790, AI360032, N40209, AI084568, D57610, AI753737, C16455, R35721, AA159931, AI024890, AI869836, AI829158, AI804015, AA477326, AA430365, AI640196, N30689, AI371005, AA478600, AA256968, AA021044, AA657967, AW072764, N41298, AA905154, AA758776, AI955815, AA865424, AI857650, AI091988, AW242058, H92638, AA234867, AI864141, AA252106, AA424350, AA302462, AI468749, AW090440, AI336687, AA732498, AA302463, C16184, R78608, AW085952, AI934133, AI269595, AI422703, F05286, R46768, C16334, AB006077, AF006484</p>
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1990	H2CBE03	888041	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 592 of SEQ ID NO:1990, b is an integer of 15 to 606, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1990, and where b is greater than or equal to a + 14.</p>	AA307070, D80268, D80366, F13647, C14389, C06015, D80522, AA305578, C14227, AW369651, D50995, AW177440, D51022, D81026, C14331, D81111, D80391, D80248, D59787, AW178986, D58283, D59619, D80210, D80240, D50979, AA514188, D80195, AA305409, D80196, D59859, D80022, D80043, D80166, D59927, D59467, D51423, D51799, D80164, D59275, D80253, D80038, D80227, D59502, D80212, D81030, D80219, D51060, D80188, Z21582, AA514186, D59889, D80439, C15076, D59653, D80269, D59610, D57483, D80193, D80045, D80024, T03116, D80247, D80064, AW378533, D80378, D51759, D80241, C14014, T03269, AW178893, D80133, AW178906, D80302, D80168, C14407, D80157, AW360811, AW178759, D51103, C75259, AW378540, D80251, D80949, AW352120, AW377671, AW375405, C14298, AW179328, C05695, AW378532, D52291, D45260, AW366296, AW360817, T02974, AW179020, AW375406, T48593, AW378534, AW179332, AW377672, AW378528, AW179023, AW178905, AW352158, D51250, AW177731, AW178762, AW178754, AW179019, AW179024, D59373, C05763, D51213, AI557751, D80134, H67854, C03092, H67866, D80132, AA809122, AW179004, AW360834, T11417, D59627, AW177456, AW377676, AW352171, AW352170, AW178907, AW178908, AI525923, C14077, AW367950, AW378520, C14973, C14344, AI525917, D59317, D58246, D80258, AW179012, AW178980, D80014, AW177733, D59503, AW179018, AW178914, AW178774, C14046, D51221, D60010, D59474, AI557774, D58101, AI525920, AA514184, AW378525, AI535686, AW378543, AW178911, AW352163, C14957, AW178781, D59551, AI525227, D80228, AA285331, AW177728, AI525235, C16955, AI525912, AI525922, AI905856, D45273, AI525242, Z33452, AI525925, AI525237, AI525215, AA305720, AW378542, C13958,
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1991	HE9QI19	888051	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 1083 of SEQ ID NO:1991, b is an integer of 15 to 1097, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1991, and where b is greater than or equal to a + 14.</p>	<p>H67858, T03048, AI525222, T02868, F13796, AW360855, Z30160, D31458, D51053, D79997, L76158, X95351, AJ132110, A84916, A62300, A62298, AR018138, AR008278, AF058696, AB028859, A82595, AR060385, I82448, AB002449, I50126, I50132, I50128, I50133, X67155, Y17188, D26022, A25909, A67220, D89785, A78862, D34614, Y12724, AR016514, X68127, A94995, AR060138, A45456, A26615, AR052274, AR066488, Y09669, A43192, A43190, AR038669, I14842, AR008443, AR066487, AR054175, D88547, A30438, Y17187, A63261, X82626, AR008277, AR008281, D50010, AR062872, A70867, AR016691, AR016690, U46128, AR016808, AR008408, AR025207, X64588, A64136, A68321, I79511, D13509, AR060133, I18367, AF123263</p>
1992	HJACE25	888063	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 889 of SEQ ID NO:1992, b is an integer of 15 to 903, where both a and b correspond to the positions of</p>	<p>AL110457, AA311008, AA732444, N40873, W95689, AW027795, AI521613, AI282709, AA313089, AI694158, N30086, AA278139, AI419081, AA767732, AI918715, D80391, D80196, AI282428, D59787, D51423, D80227, D59859, D51799, D80038, D80269, D80166, D80253, D59619, D80210, D80240, D58283, D80188, D80212, D81030, D57483, D80195, D59889, D80219, D59610, D80043, D59467, D59502, D59927, D80022, D80366, D59275, D80193, D80241, D80378,</p>

			<p>nucleotide residues shown in SEQ ID NO:1992, and where b is greater than or equal to a + 14.</p> <p>D80024, D50995, D50979, C75259, C14429, D80164, T03269, D80045, C14389, C14331, C15076, C14014, D51060, AA305409, AA352266, D80134, AW178893, D51250, C14227, D81026, D80949, D80268, F13647, D58253, AW178775, D51079, AW177440, D80168, D51022, D80522, D81111, AW179328, Z21582, AW352158, AW378532, AA305578, D59695, AW177501, D80251, AW177511, AW369651, AA557885, D52291, D80248, AI905856, AW178762, AA514188, C14298, D80064, AA514186, D80133, AW352117, D51097, AA285331, AW360811, AW378540, AW377671, C14407, AW375405, AW360844, AW360834, AW366296, D80439, D80132, AW360817, AW375406, AW378534, AW352171, AW179332, AW377672, AW179023, AW377676, AW178905, AW178754, AW179018, AW179024, AW179220, AW177505, T03116, AW360841, AW179020, D80302, AW178909, AW177456, AW352170, AW178906, AW177731, AW178907, AW179019, AW178971, D80247, AI557751, AW179004, AW179329, T02974, AW352174, AW179012, AW178980, D80014, AW177733, AW378528, AW178908, AW378543, T11417, D80157, AW179009, AW178914, AW378525, D51103, D51759, AW367967, AW178983, AW352120, D58246, AW177728, AW178774, AW178781, AW178911, AW352163, D58101, C06015, AI557774, T48593, AW378539, D80258, D59503, D51213, D59627, D45260, H67854, D50981, AW378533, AW367950, AW178986, AI525923, D45273, C03092, H67866, AA809122, AW177734, AI525917, Z33452, D59474, AI525920, D51221, D59317, C14344, C14973, AA514184, T03048, AA033512, AI525227, AI535686, AW179013, AW178759, D59551, AF080255, AF073771, A62298, A84916, A62300, AJ132110, X67155, AR018138, D89785, Y17188, A67220, A78862, D26022, A25909, D34614, D88547, AR025207, AR008278, X82626, AF058696, AB028859, AB012117, Y12724, X68127, A85396, AR066482,</p>
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1993	HMWIR85	888153	<p>Preferably excluded from the present invention are one or more polynucleotides comprising a nucleotide sequence described by the general formula of a-b, where a is any integer between 1 to 2985 of SEQ ID NO:1993, b is an integer of 15 to 2999, where both a and b correspond to the positions of nucleotide residues shown in SEQ ID NO:1993, and where b is greater than or equal to a + 14.</p>	A44171, A85477, I19525, A86792, A82595, U87250, X93549, A94995, AR060385, AB002449, AR016808, AR008443, I50126, I50132, I50128, I50133, AR066488, AF135125, AR016514, AR060138, A45456, A26615, AR052274, Y09669, A43192, A43190, AR038669, AR066487, AR066490, A30438, I18367, D88507, I14842, AR054175, AR008277, AR008281, D50010, Y17187, X64588, AB033111, A63261, AR064240, AR008408, AR062872, A70867, AR016691, AR016690, U46128, D13509, A64136, A68321, AR060133, I79511, Z32749, U87247, AB023656, AF123263, X93535, AR008382 AA195033, AW150723, AI805372, AI826894, AW245532, AW250255, AW269478, AI929681, AI814415, AI984552, AI081263, AW178616, AW352048, AW352014, AW250589, AW178530, AI688093, AW352019, AW178493, AW178640, AA861507, AW178500, AI146435, AW178537, AA514698, N51685, AW352042, AW352039, AW366094, AW352051, W44438, AW178535, AW178604, AI608989, AW178504, AW352041, AW352035, AA936386, AA573323, AW178641, AW178529, AI566475, AA928767, AI963685, AW178642, AA826410, AW178605, AA648798, AA250731, AW178506, AI360338, AA865431, AI342420, AI439684, AI351346, AI039102, AI355698, AI870134, AI308956, AI820041, AW178495, AA502283, AI015535, AI096589, AI683046, AI884370, AI473866, AW178634, AW178667, AA495743, AW178531, AW178614, AA196630, AA533557, AA122301, AI090332, N53164, AA024938, AW178637, AI370758, AW178536, AW366100, AI832020, AI859889, AI571925, AI274028, AA024855, AA206040, AA583100, AW178507, AW178533, AW178615, AI289830, AW352018, AA636082, AW178672, AI220039, AA654736, AI831555,
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